

FIG. 1A
RT-PCR for CCR5 gene

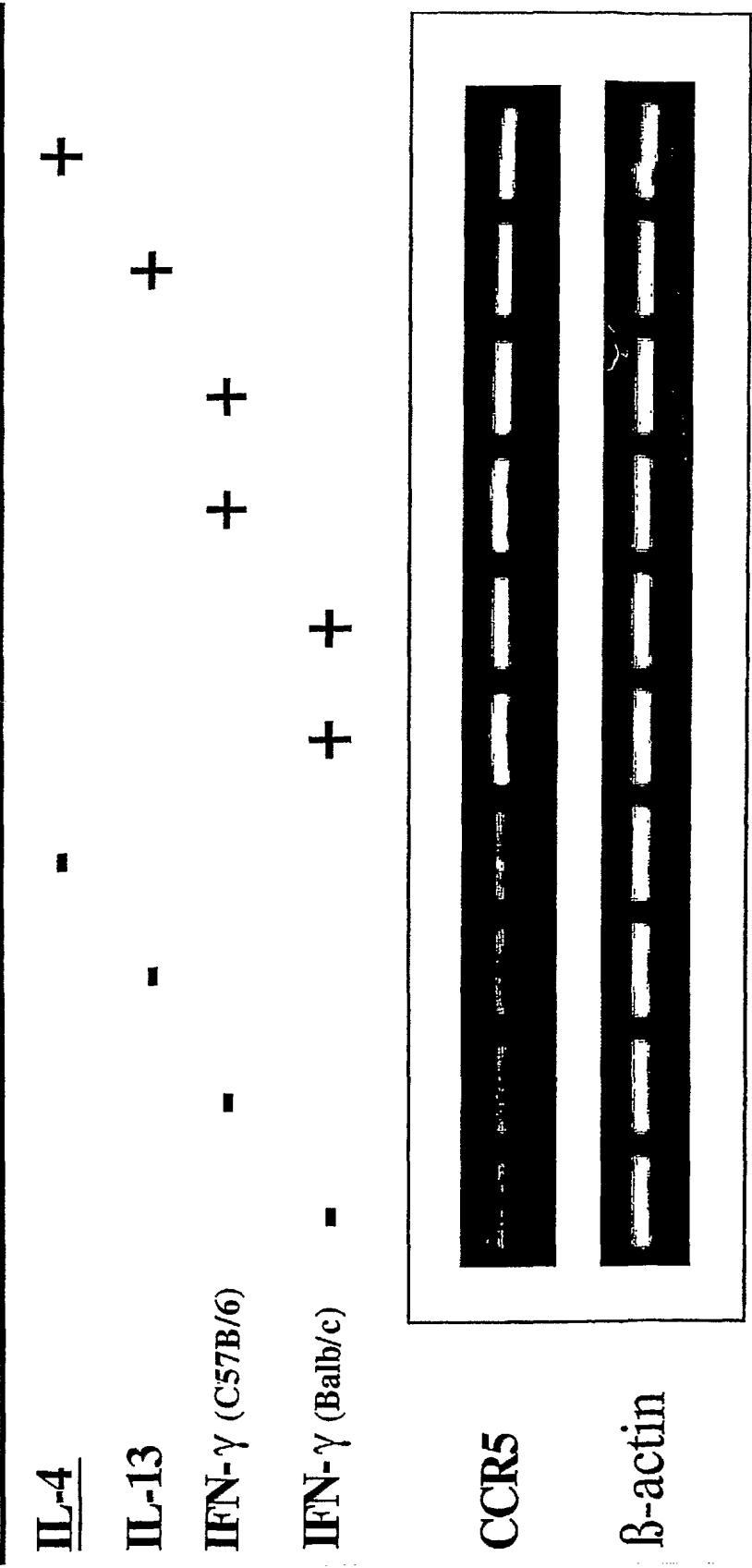


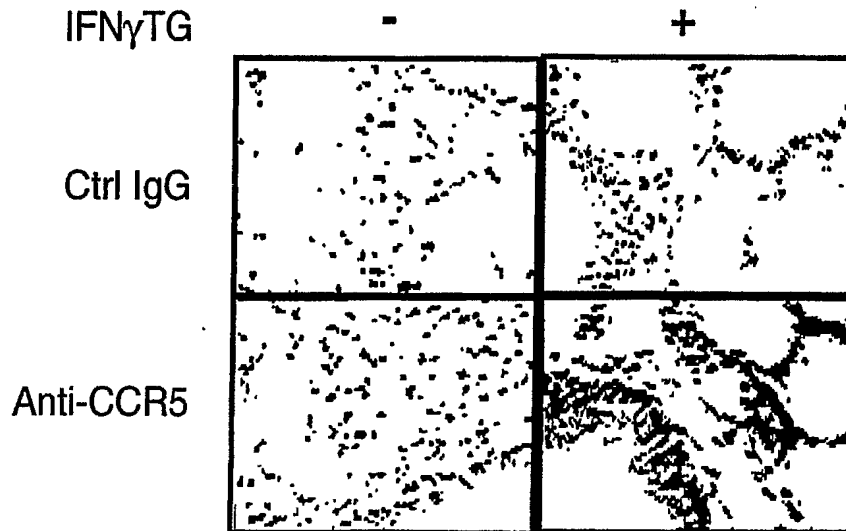
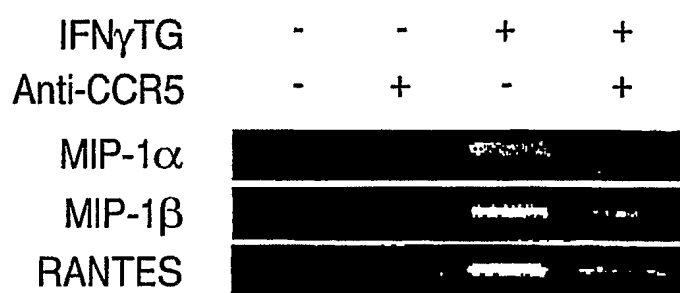
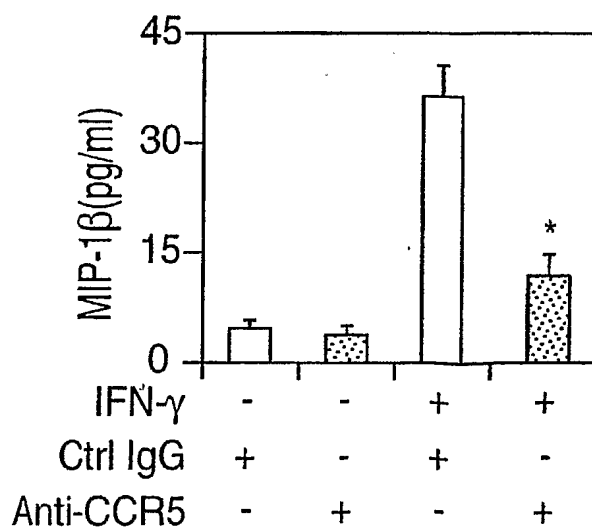
FIG. 1B

FIG. 2A**FIG. 2B**

BAL total cell count of IFN- γ mice after blocking and null mutation of CCR5

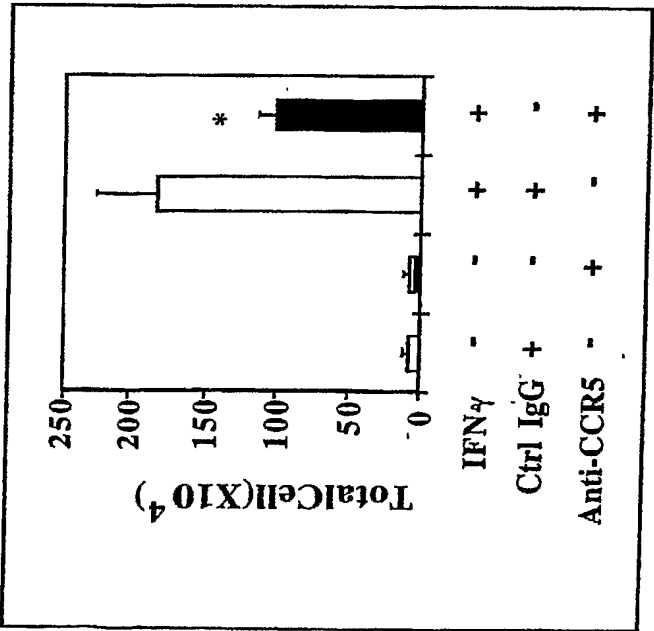


FIG. 3A

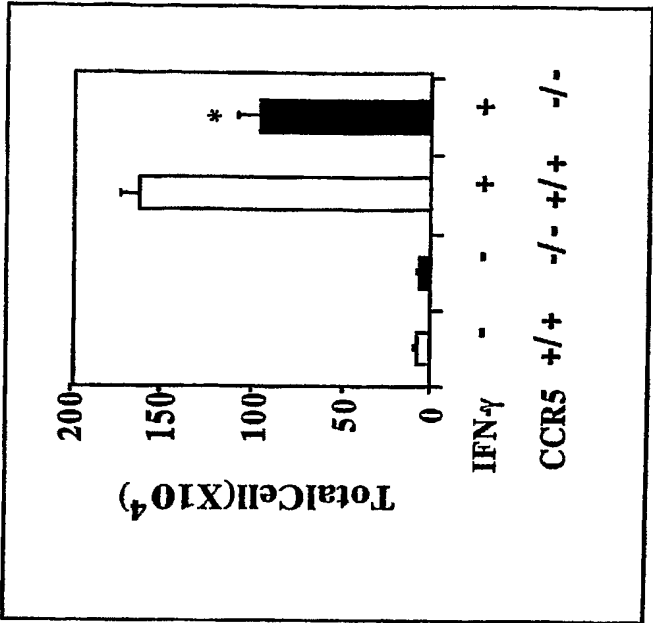


FIG. 3B

Lung volume change of INF- γ mice after blocking and null mutation of CC receptor 5

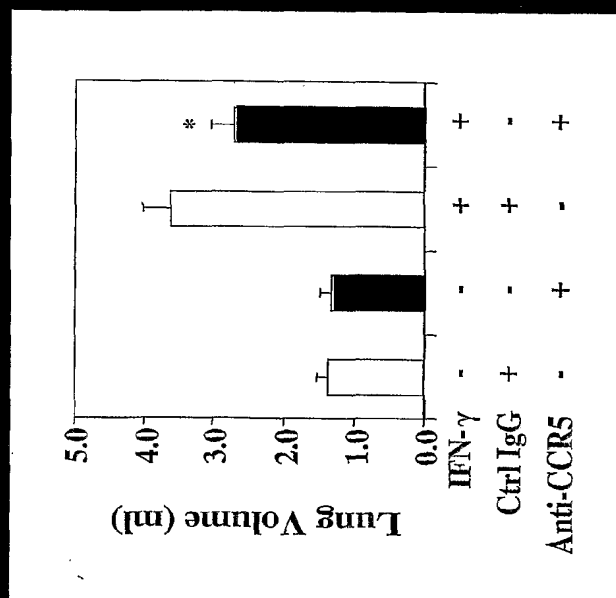


Fig. 4A

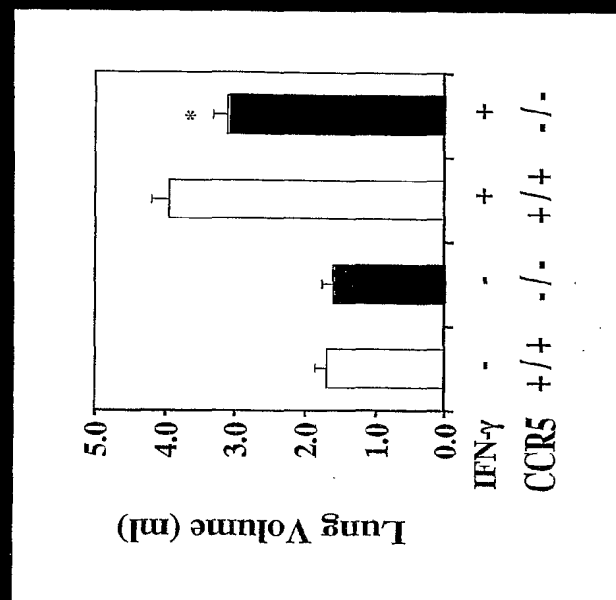
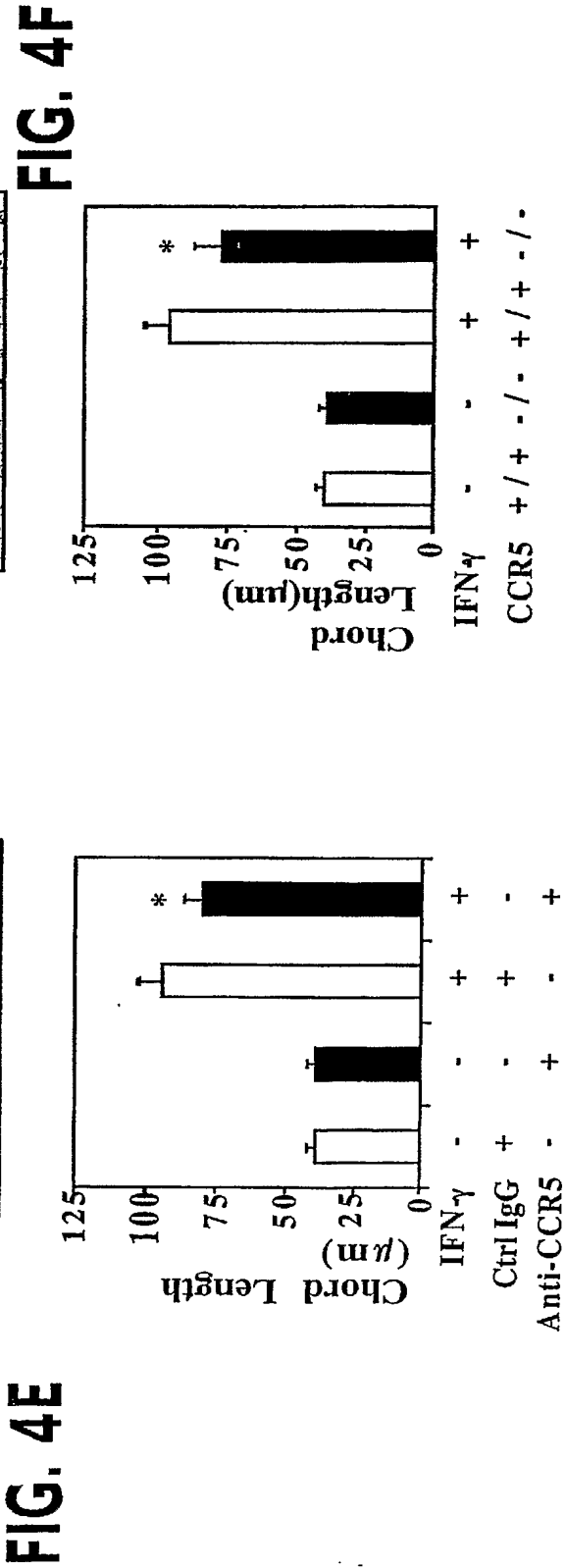
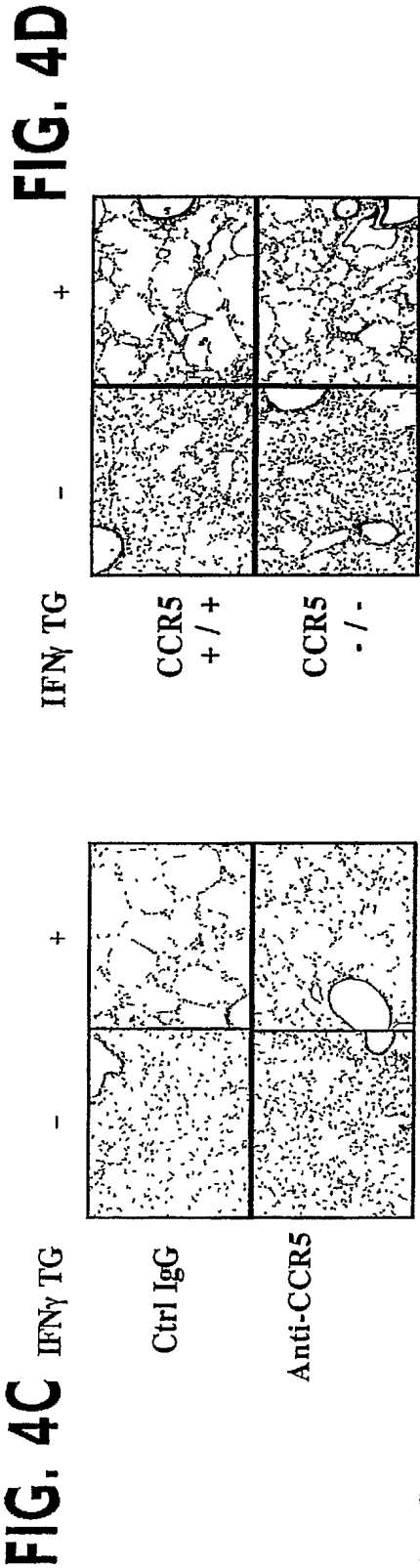


Fig. 4B

Blocking and Null Mutation of CCR5 In CC10-IFN- γ Mouse Lung



BAL IFN- γ level of CC10-IFN- γ mice after blocking and null mutation of CCR5

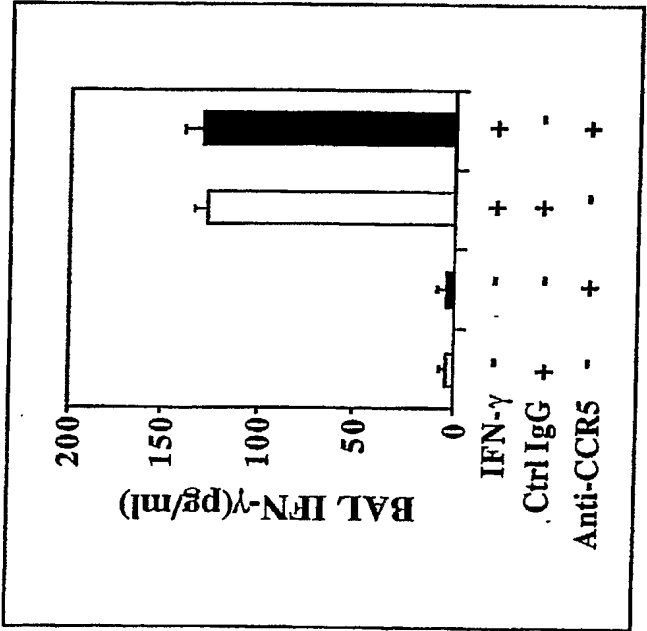


FIG. 5A

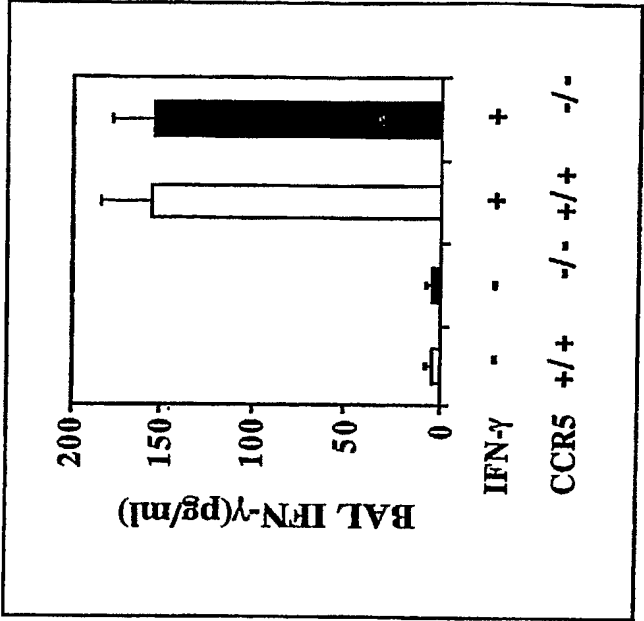


FIG. 5B

FIG. 6A

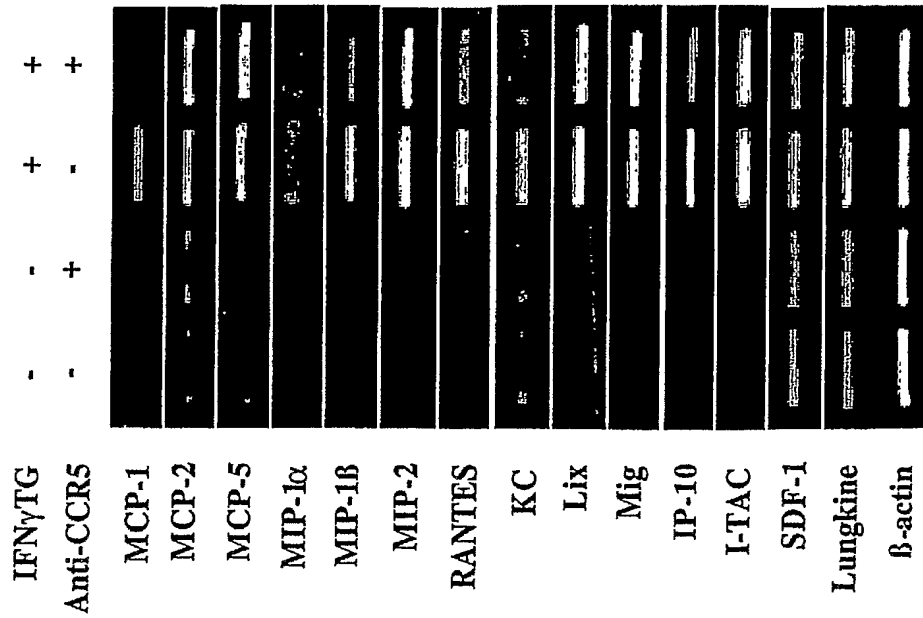


FIG. 6B

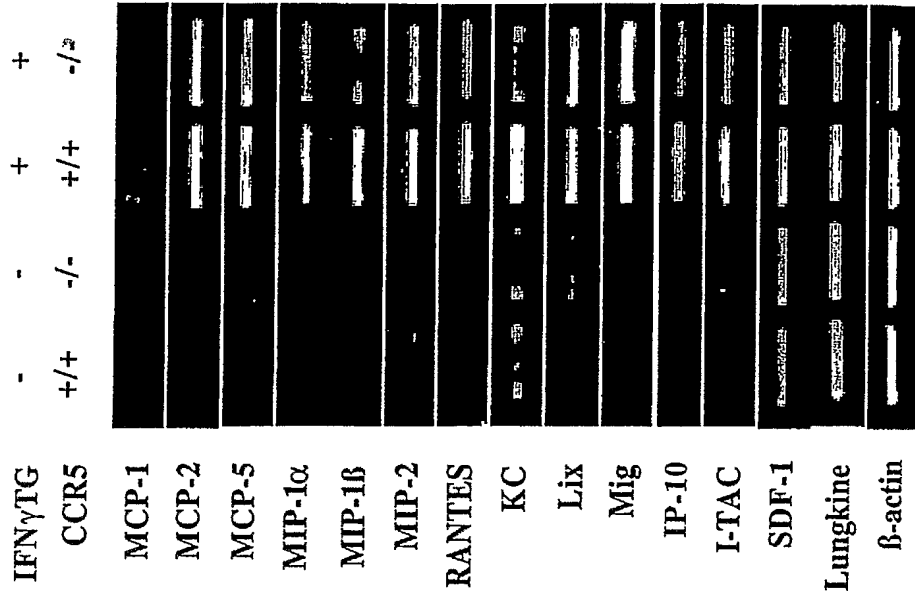


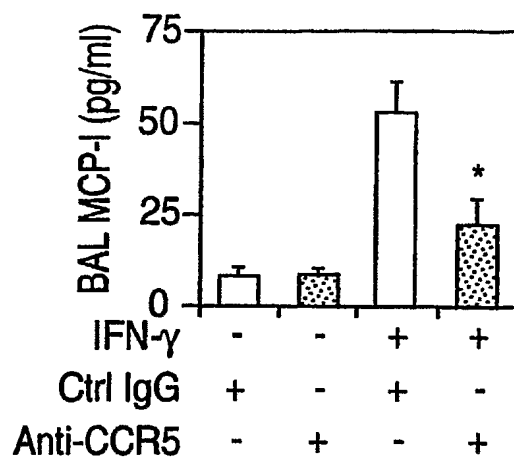
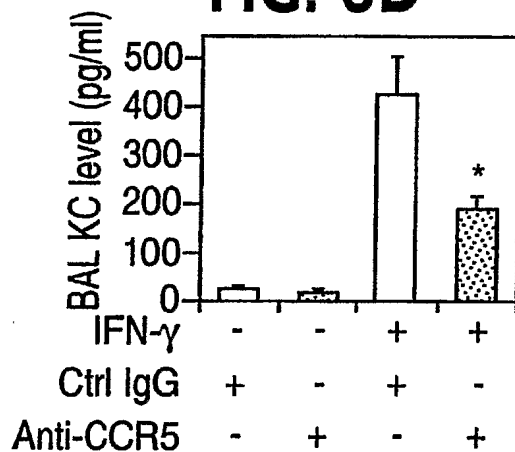
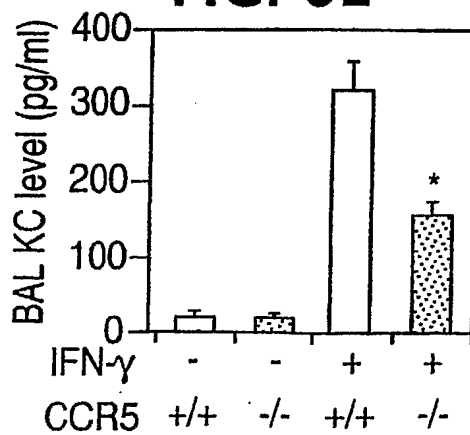
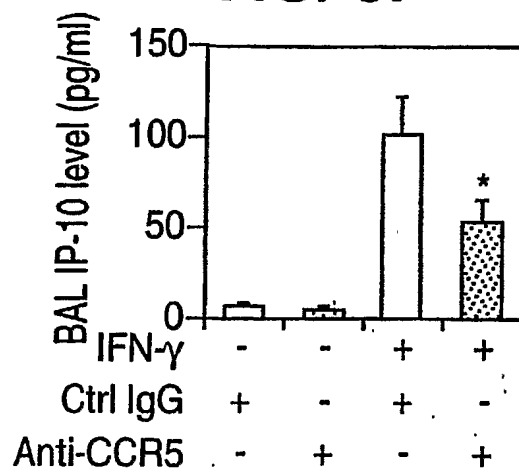
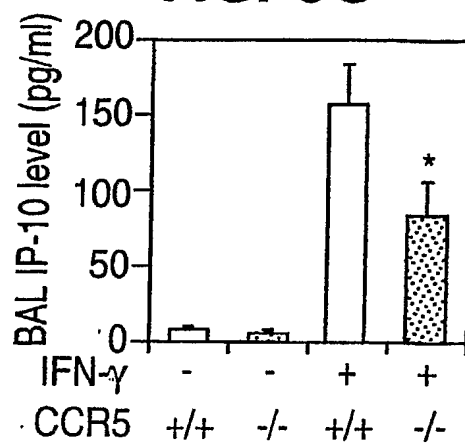
FIG. 6C**FIG. 6D****FIG. 6E**

FIG. 6F**FIG. 6G**

Proteinase and anti-proteinase after blocking
and null mutation of CCR5 in IFN- γ mice

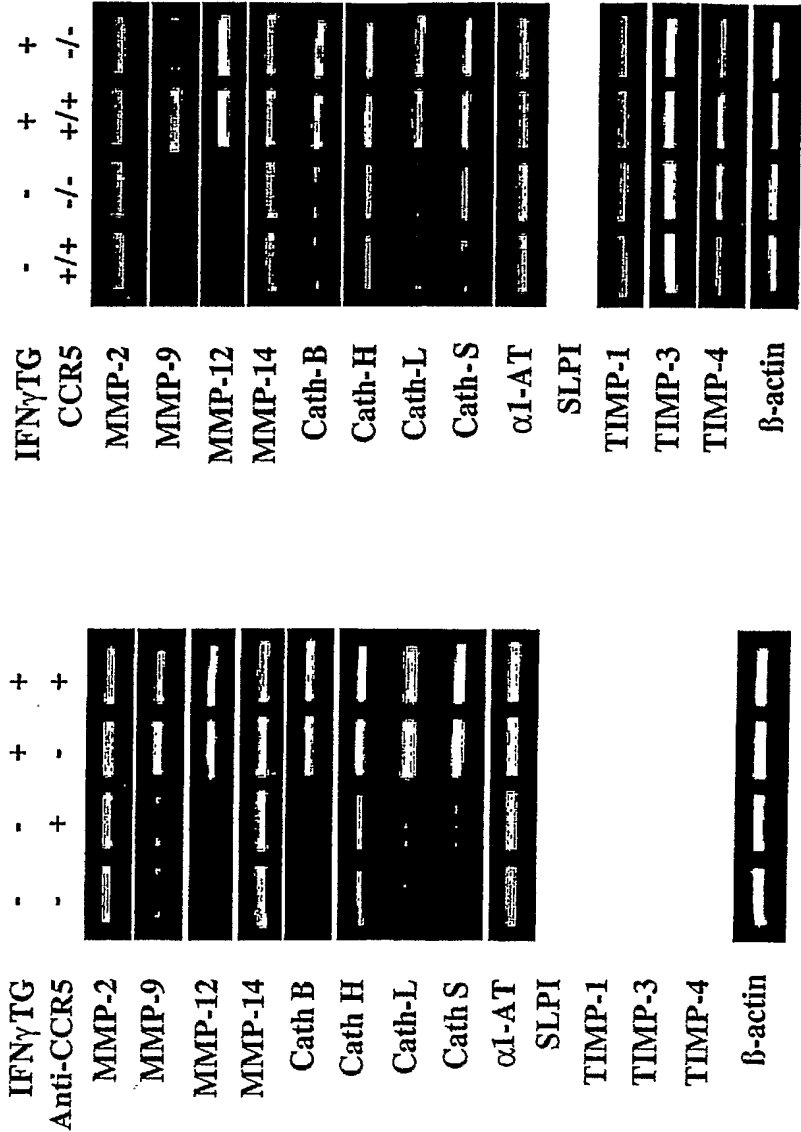


FIG. 7A

FIG. 7B

TUNEL Staining in IFN- γ Mouse Lung after blocking and null mutation of CCR5

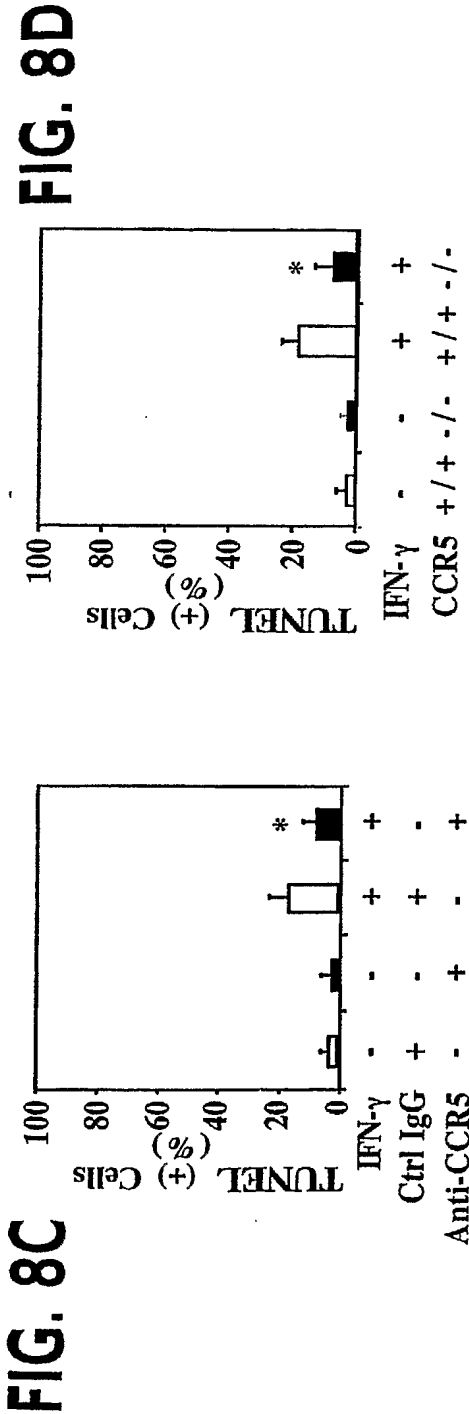
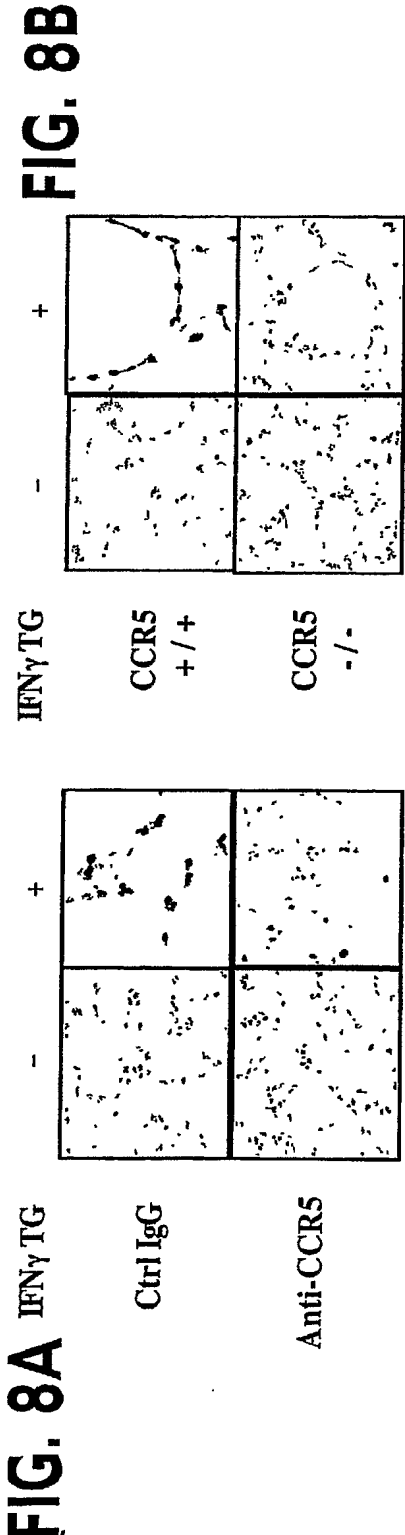


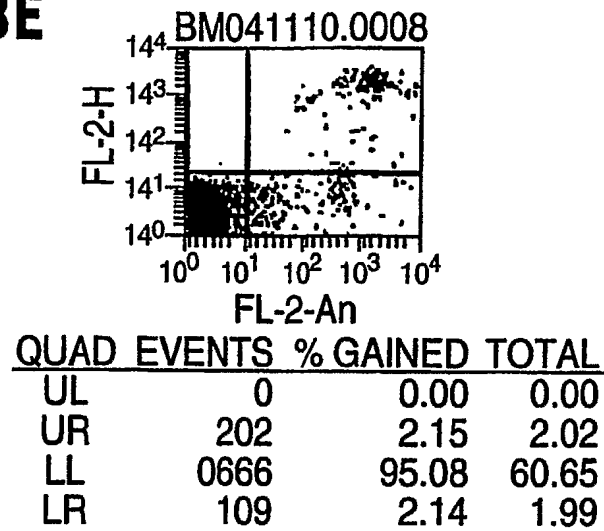
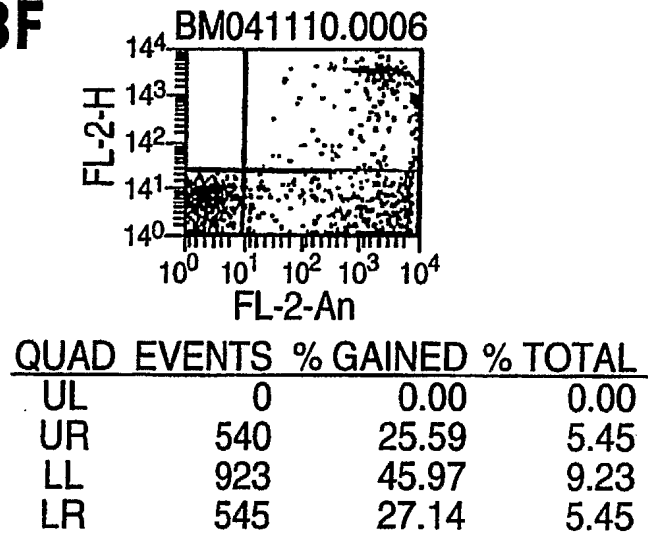
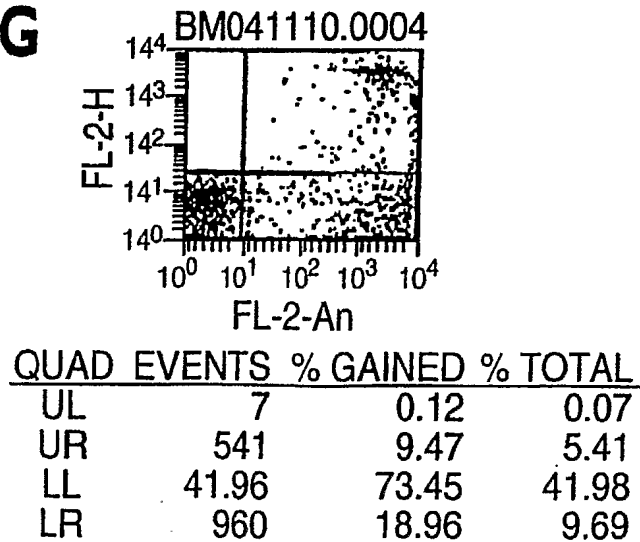
FIG. 8E**FIG. 8F****FIG. 8G**

FIG. 9A

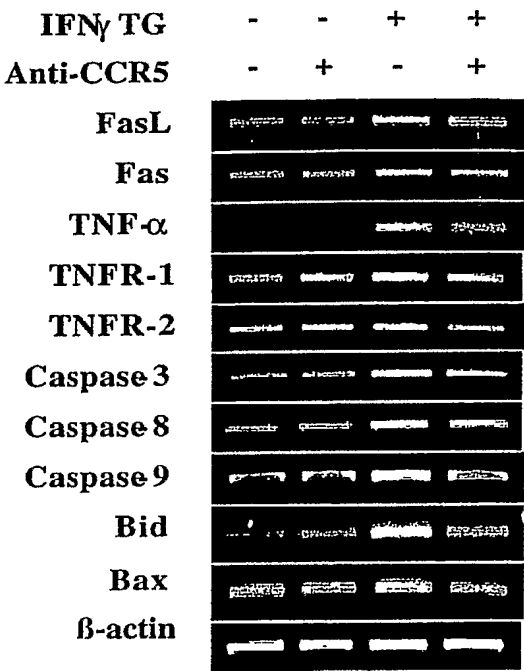


FIG. 9D

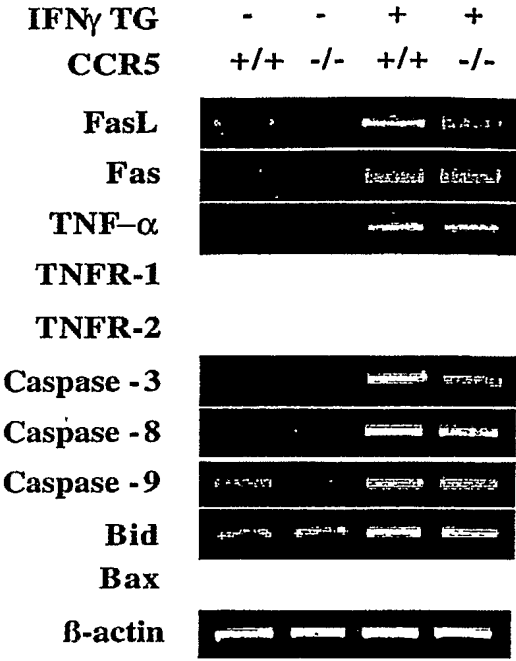


FIG. 9B

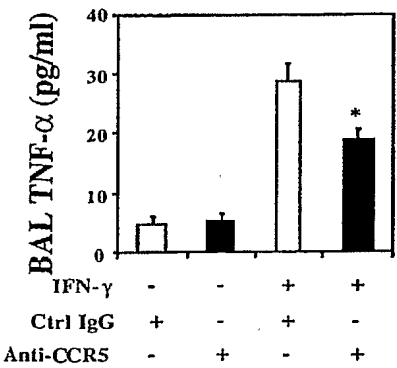


FIG. 9E

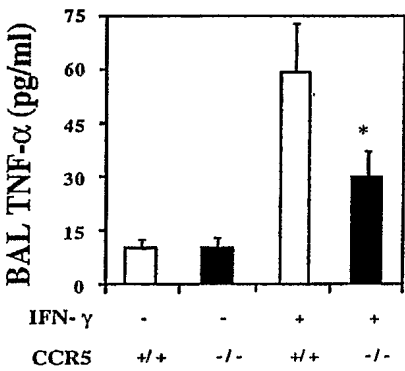


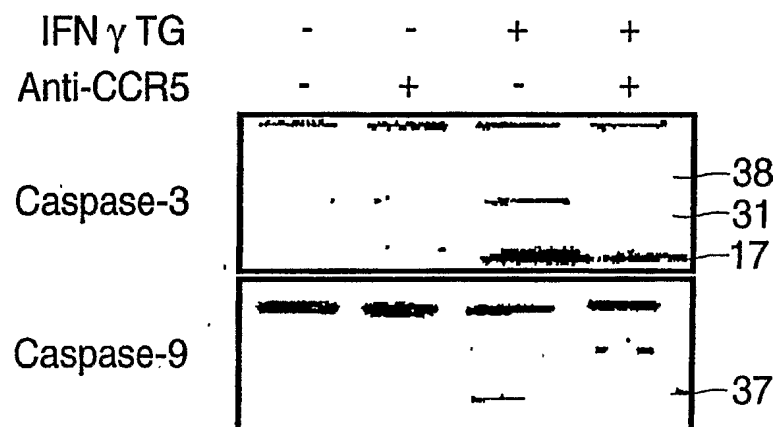
FIG. 9C

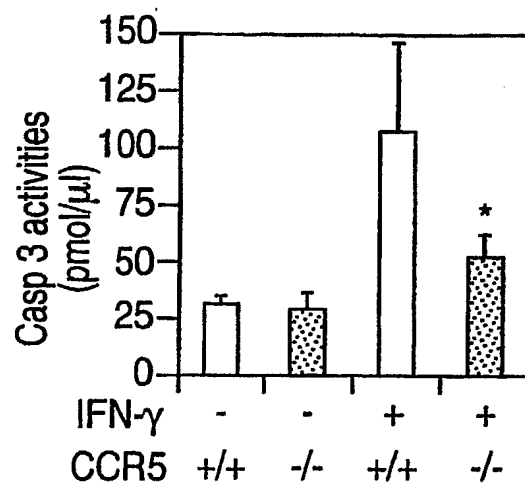
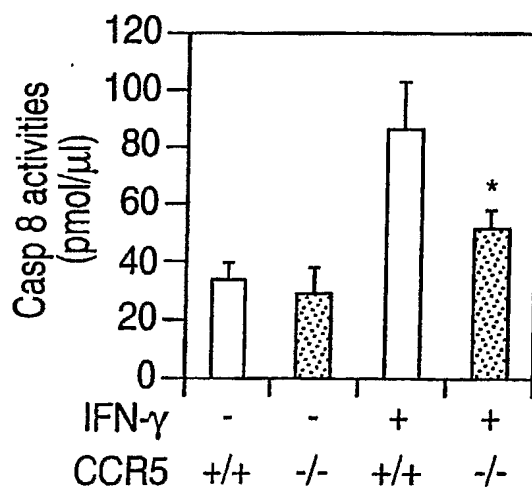
FIG. 9F**FIG. 9G**

FIG. 10A

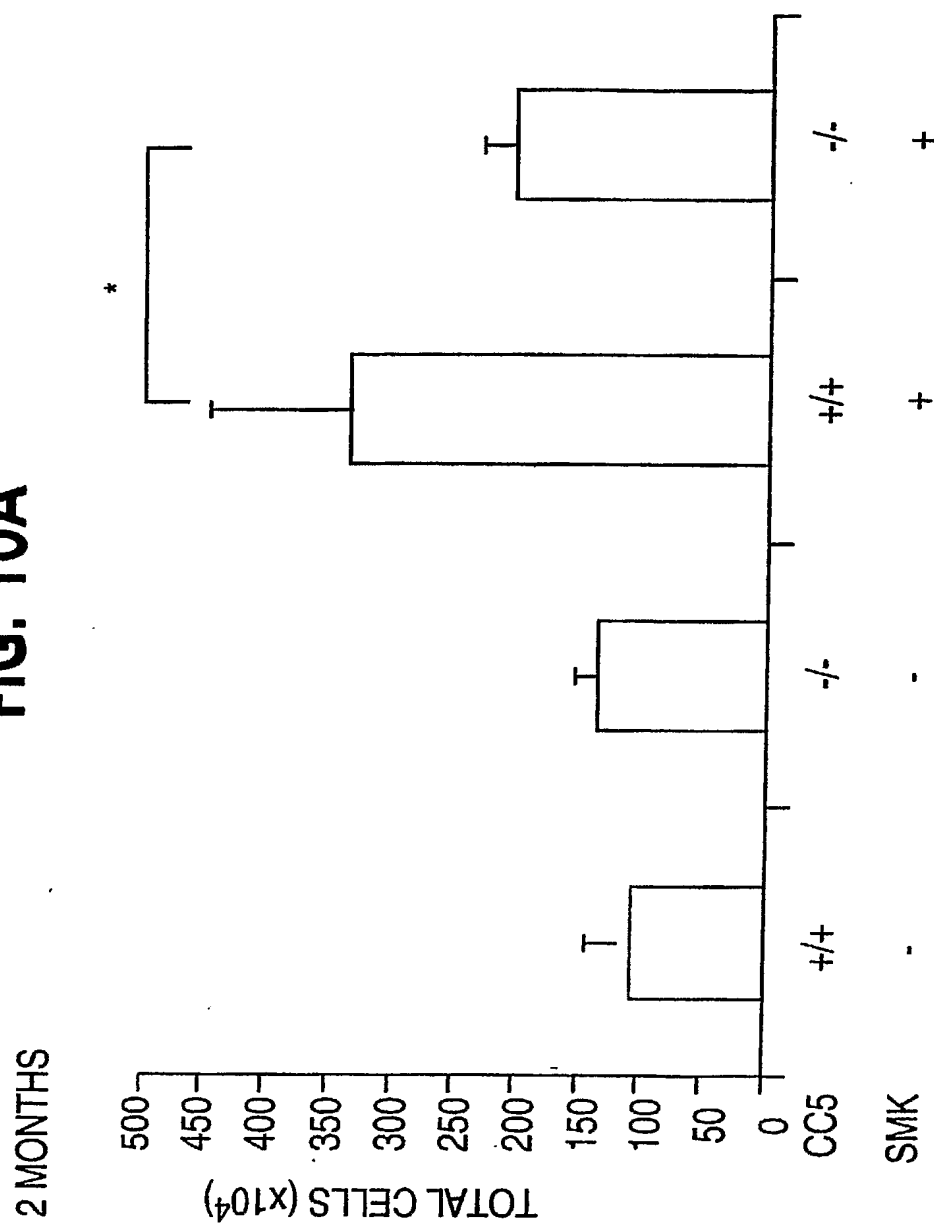
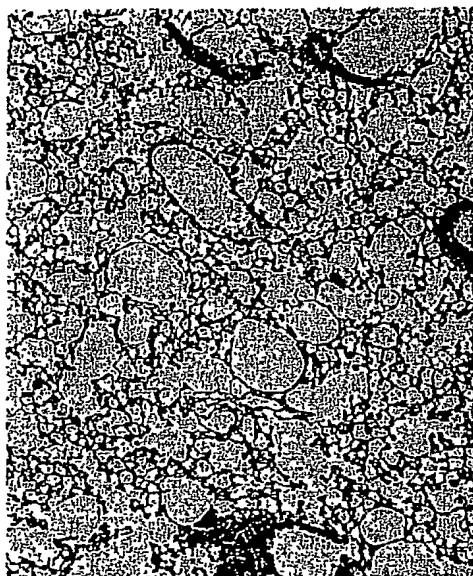


FIG. 10B

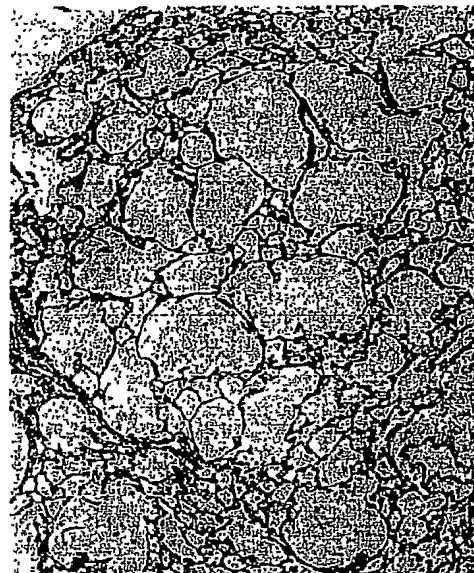
HISTOLOGY (HE) AFTER TWO MONTHS SMOKING EXPOSURE

NON-SMOKING EXPOSURE

SMOKING EXPOSURE



CCR5 +/+



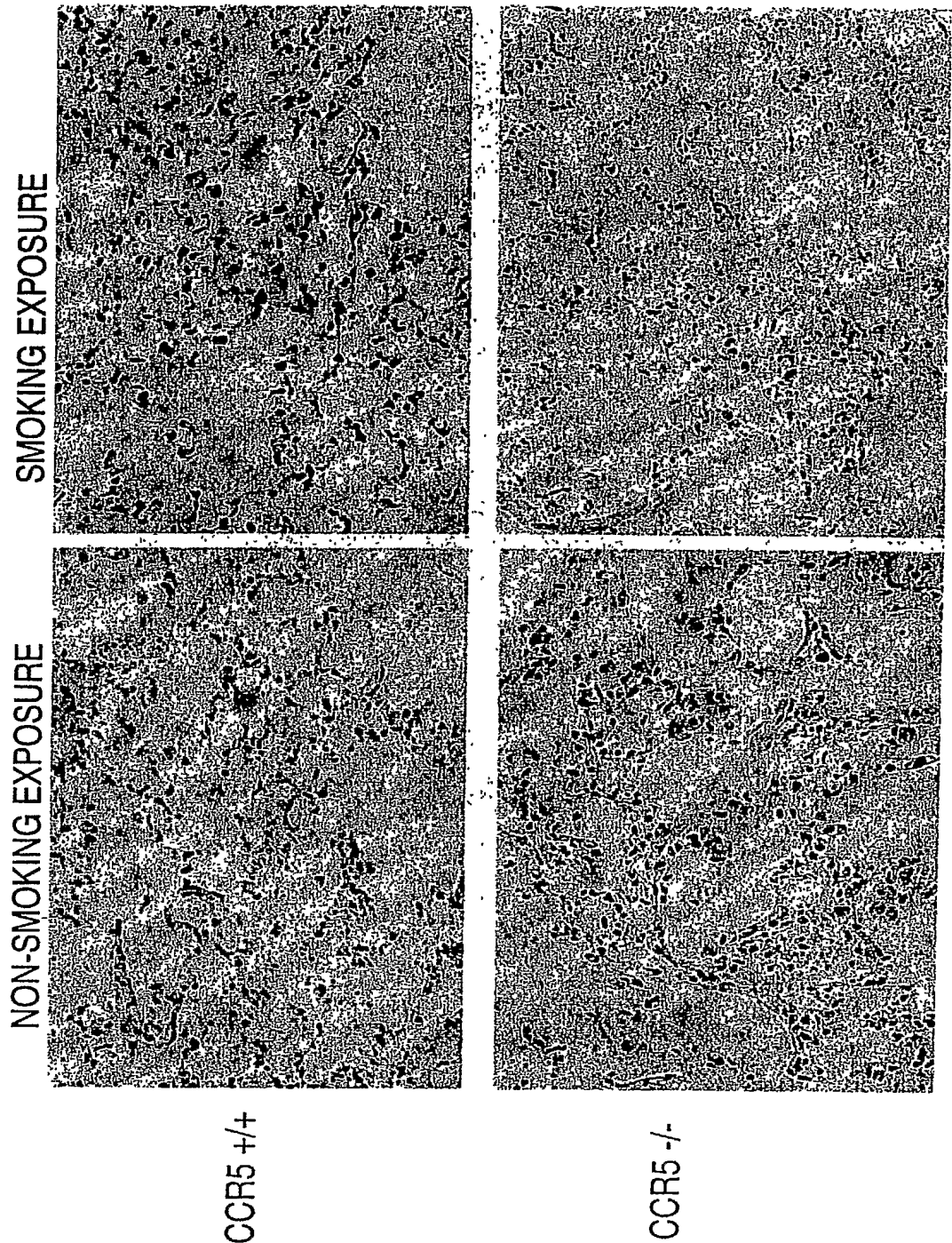
CCR5 -/-



10x H&E

FIG. 10C

TUNEL STAINING FOR APOPTOSIS AFTER TWO MONTHS SMOKING EXPOSURE



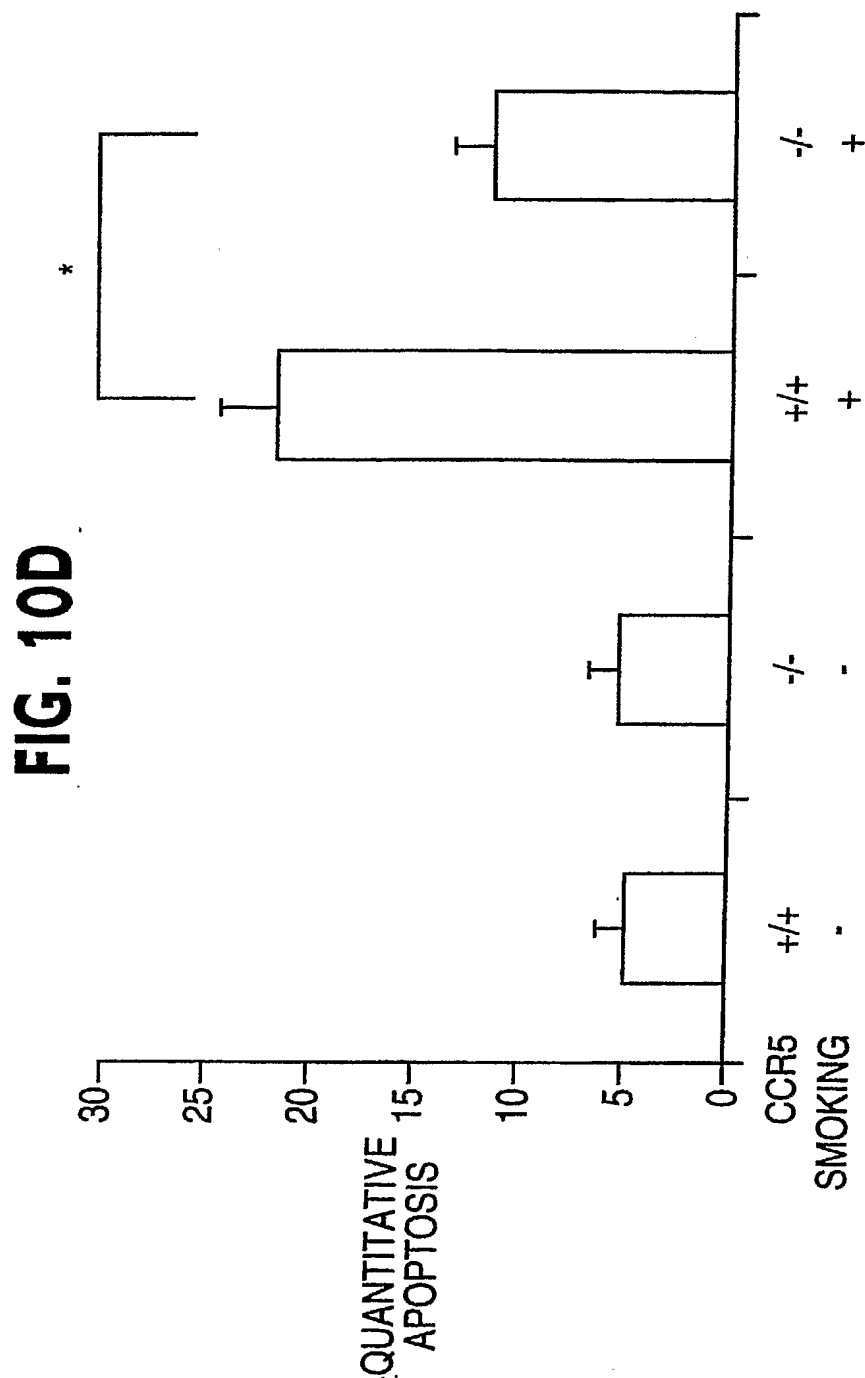


FIG. 11

CCR5 ISH in CC10-IL-13 Mouse Lung

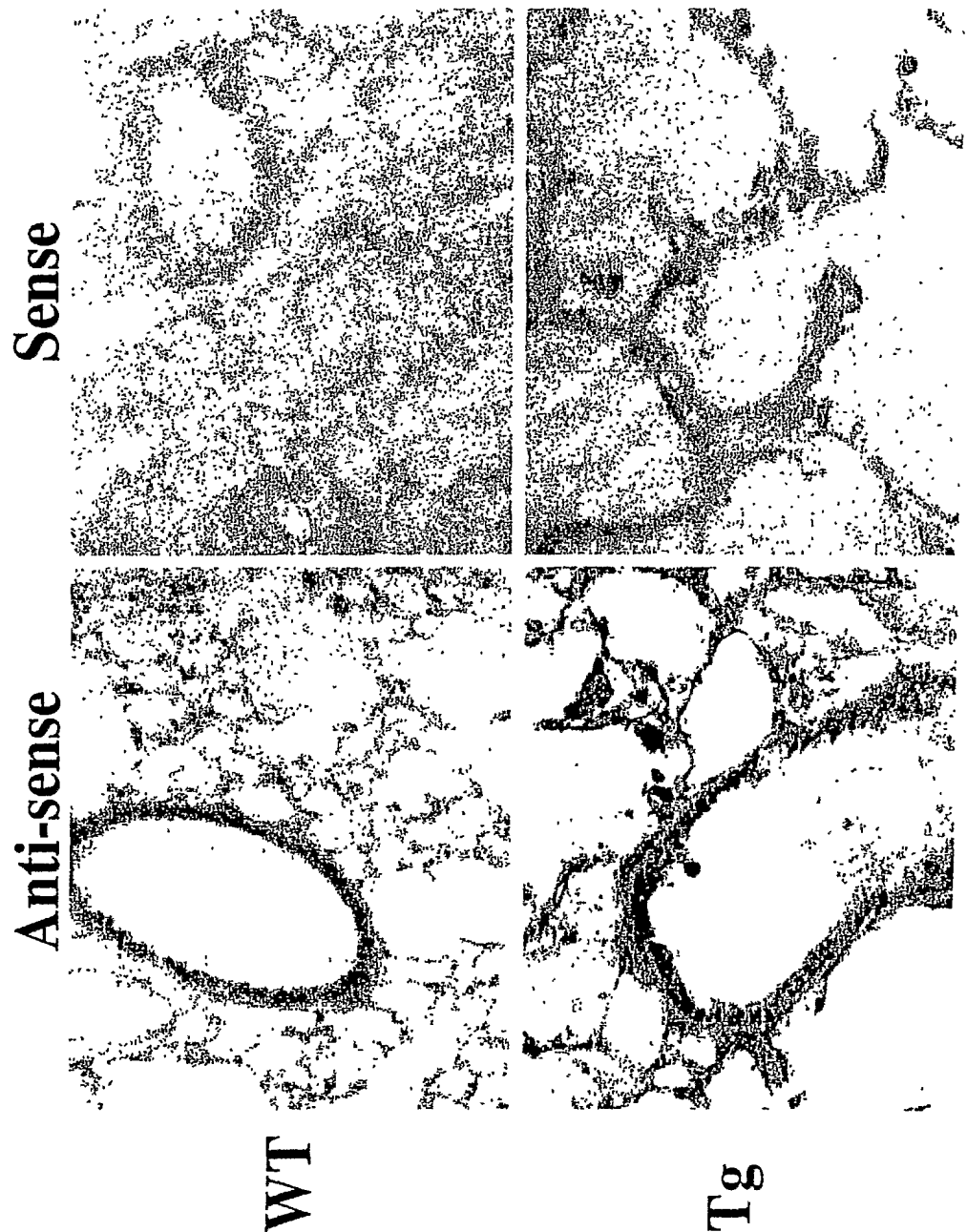


FIG. 12 **CCR5 IHC in CC10-IL-13 Mouse Lung**

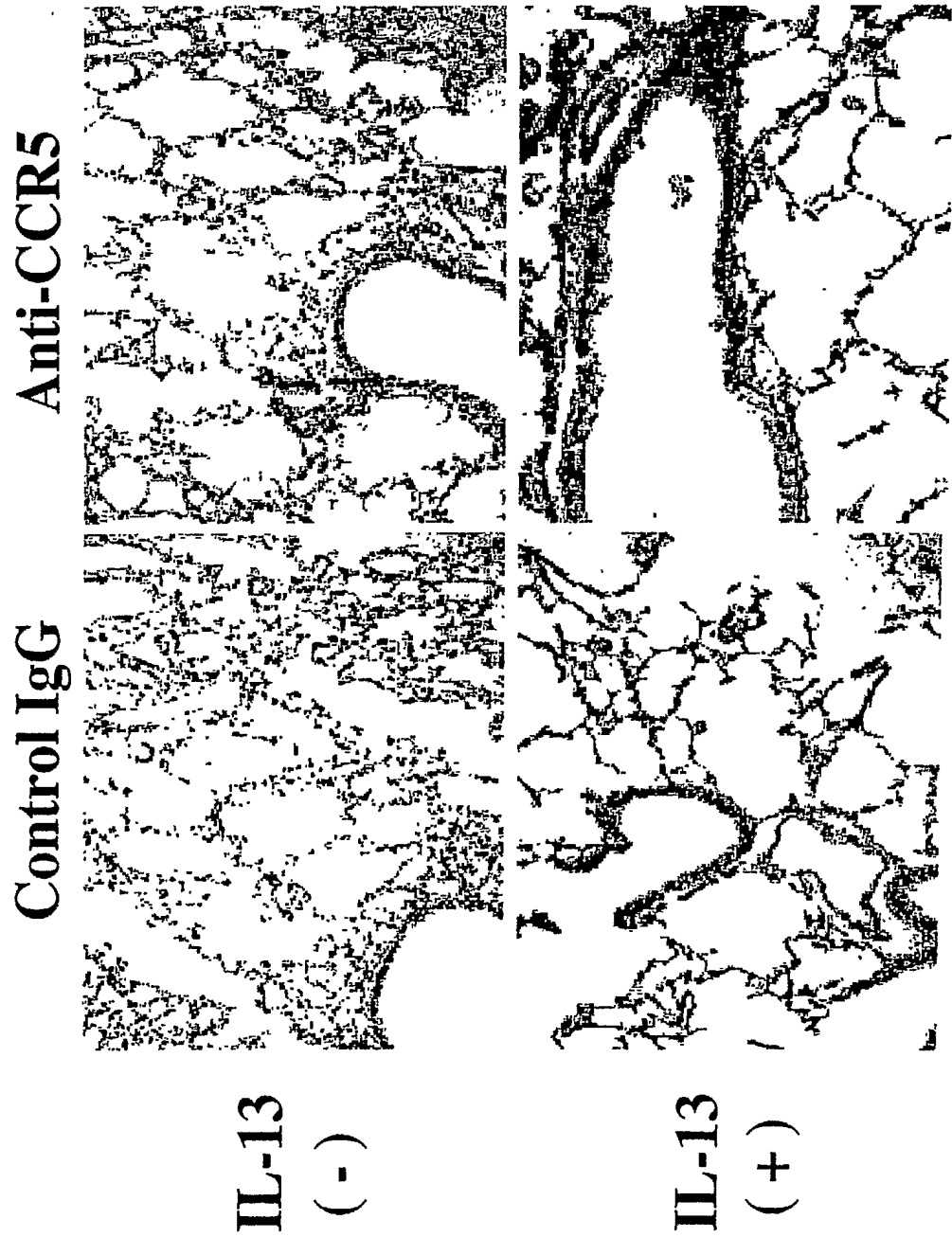


FIG. 13
Lung Volume of IL-13 Mice After block and null mutation of CCR5

Ctrl IgG	+	-	+	-
Anti-CCR5	-	+	-	+
iIL-13	-	-	+	+

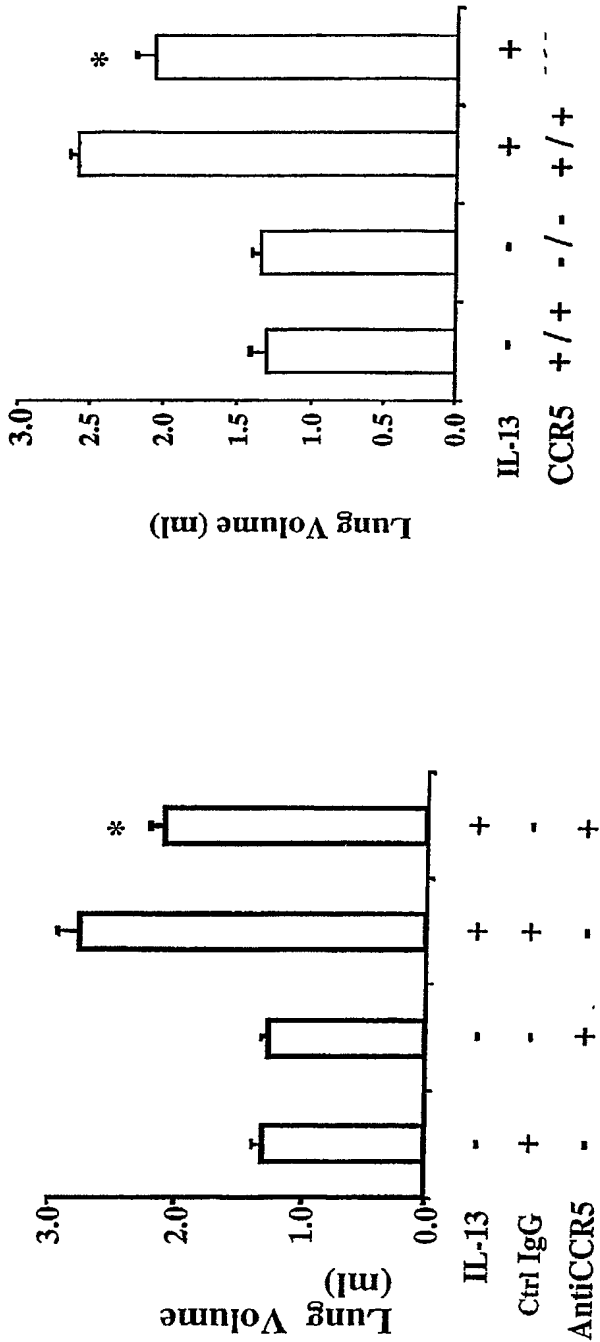
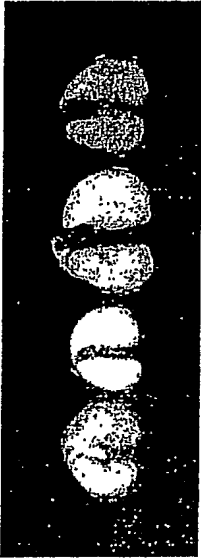


FIG. 14A BAL total cell and differential of iLL-13 mice after block and null mutation of CCR5

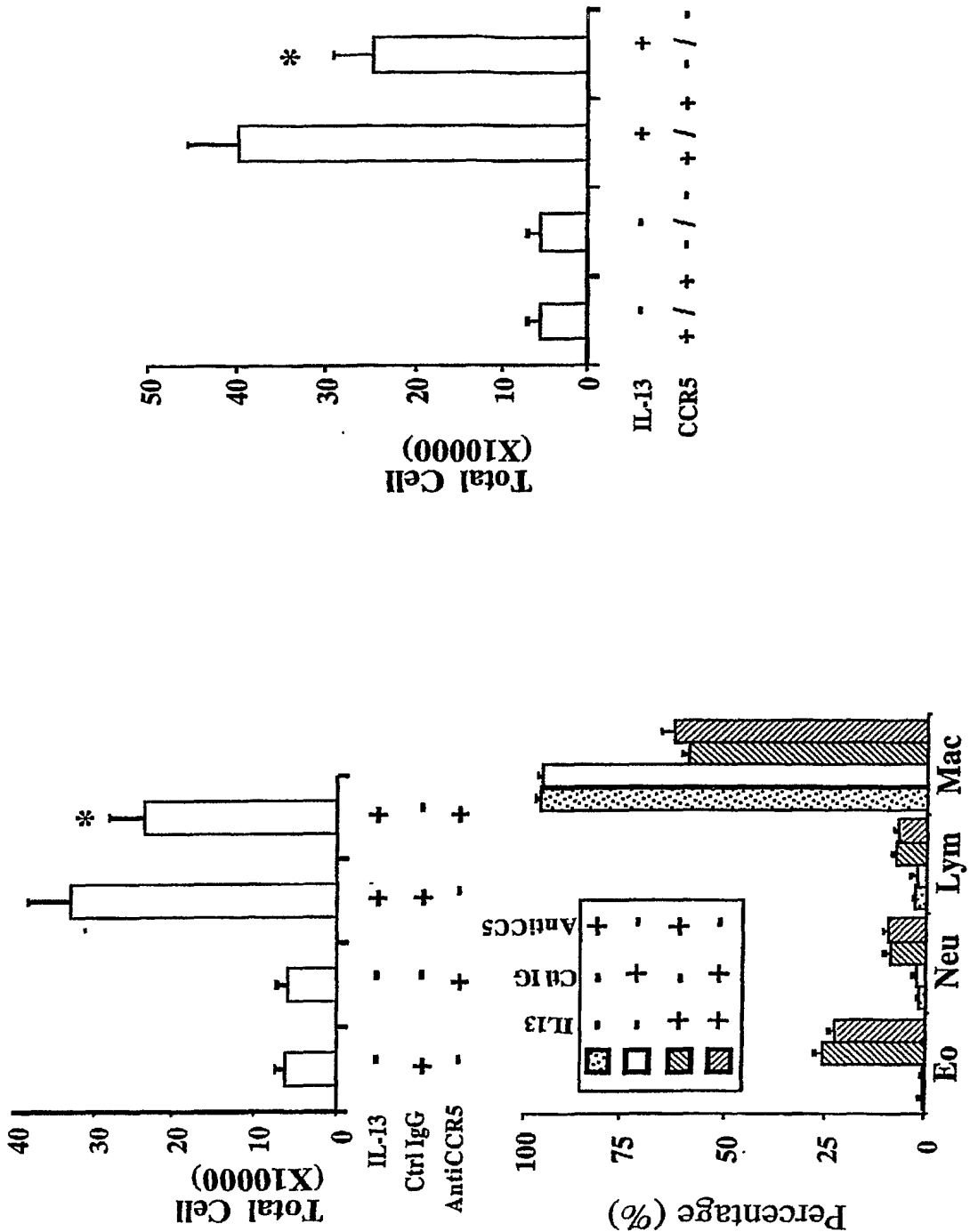


FIG. 14B

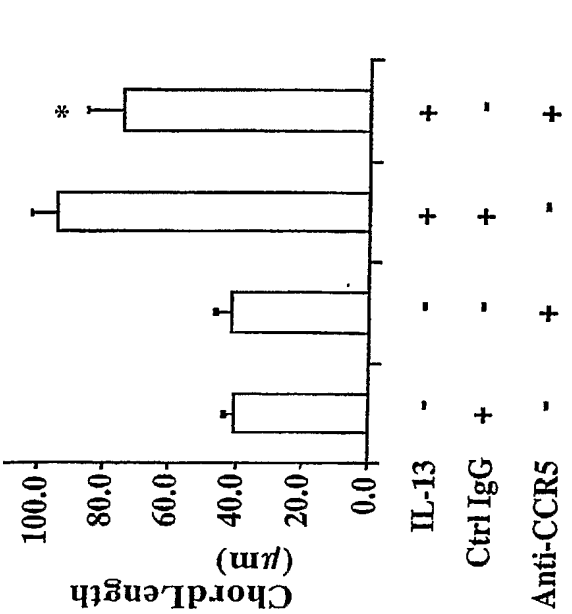
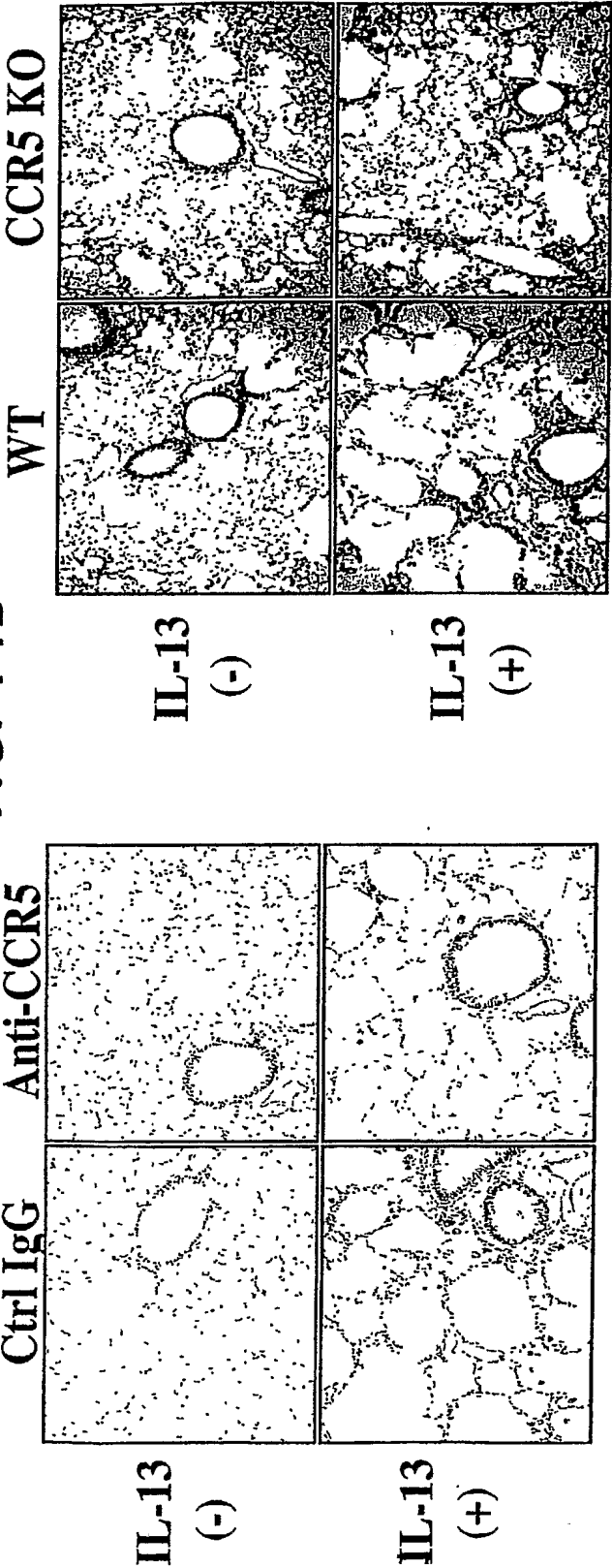


FIG. 15

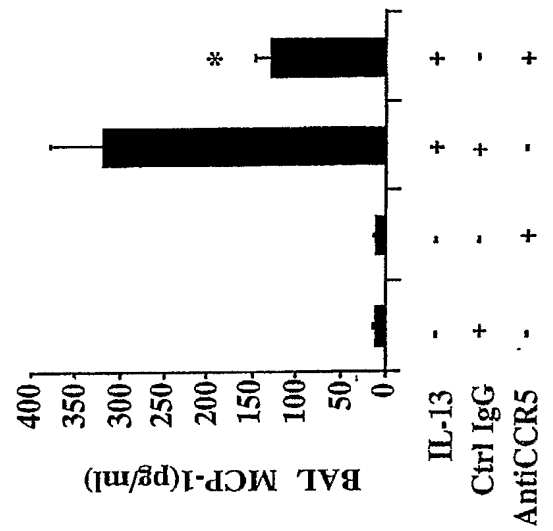
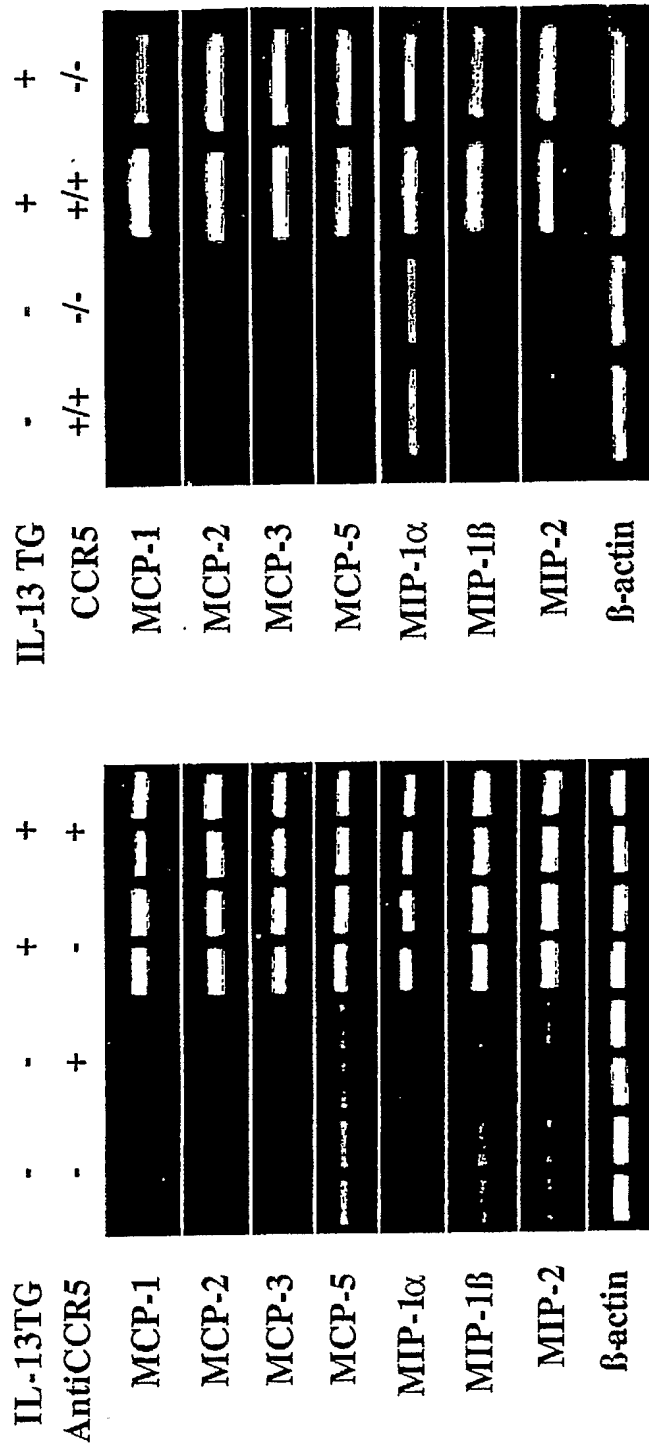


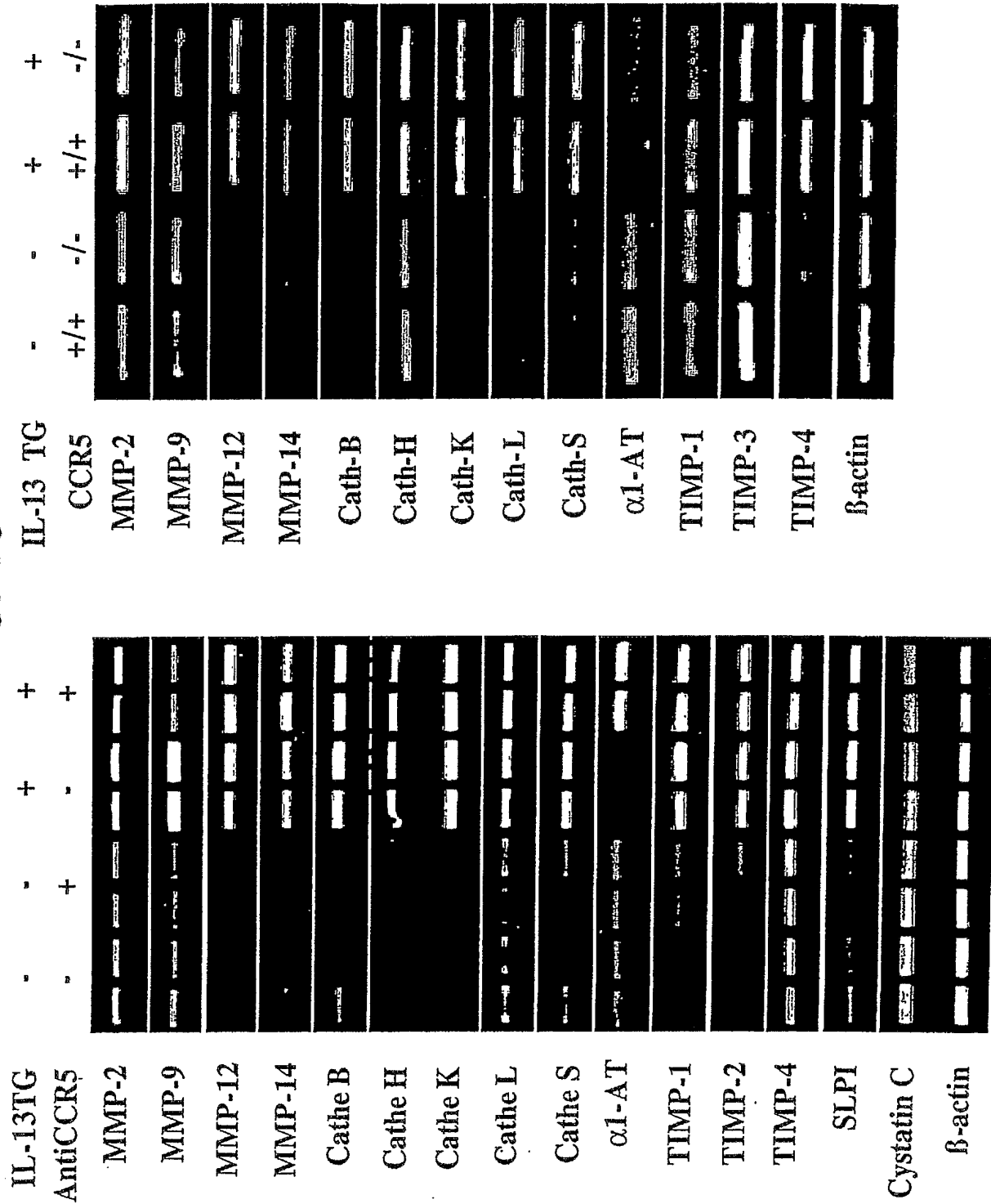
FIG. 16

FIG. 17
BAL IL-13 Level of iIL-13 mice treated with Anti-CCR5 antibody

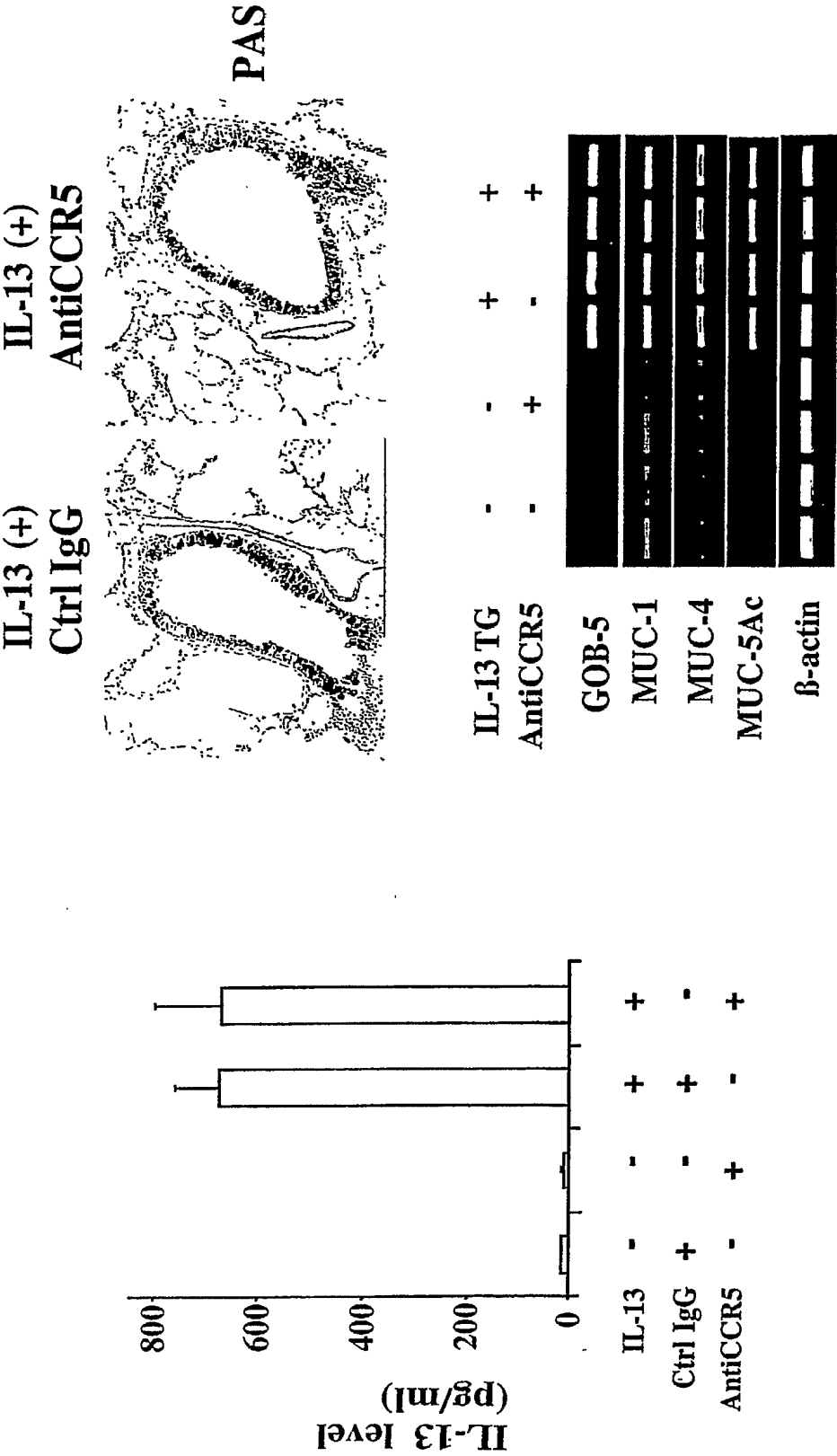


FIG. 18
TUNEL Staining in iIL-13 Mouse Lung

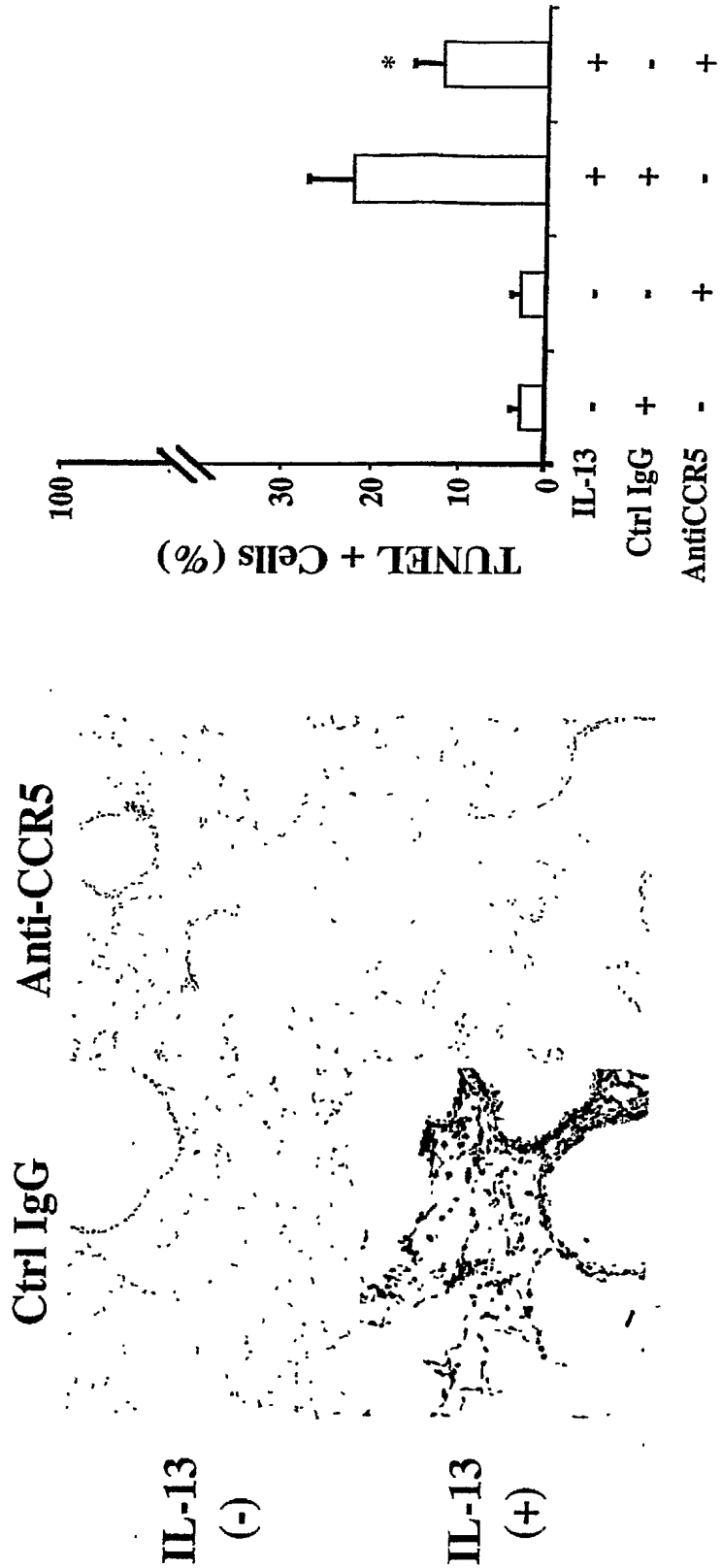


FIG. 19

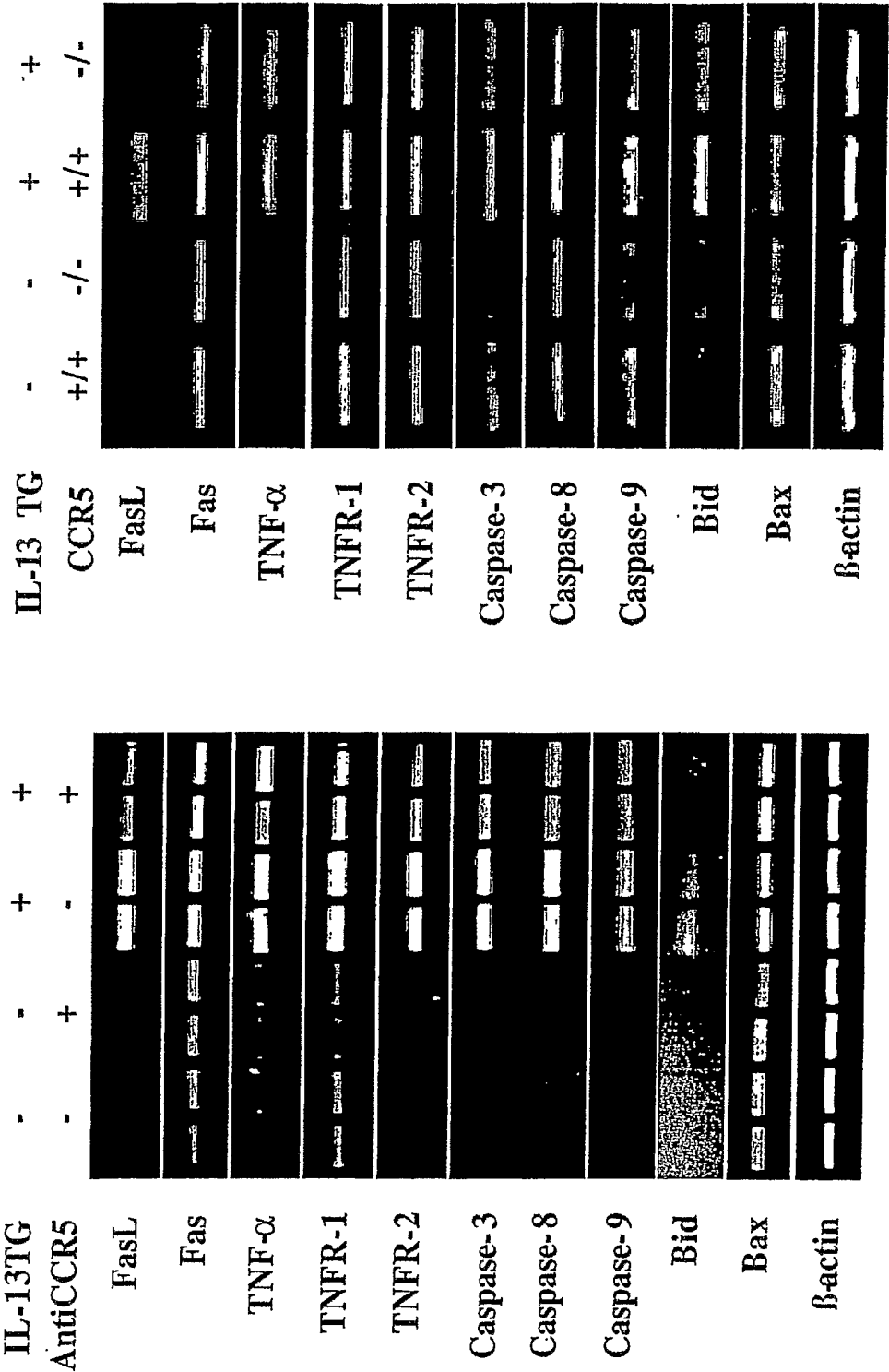


FIG. 20
Western Blot Detecting Apoptotic Factors in
IL-13 Transgenic Mouse Lungs

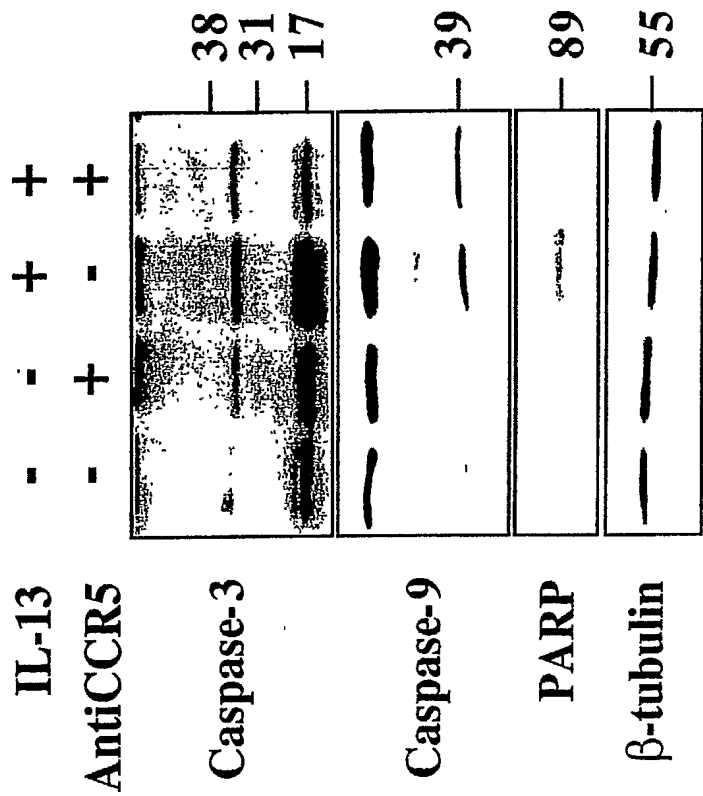
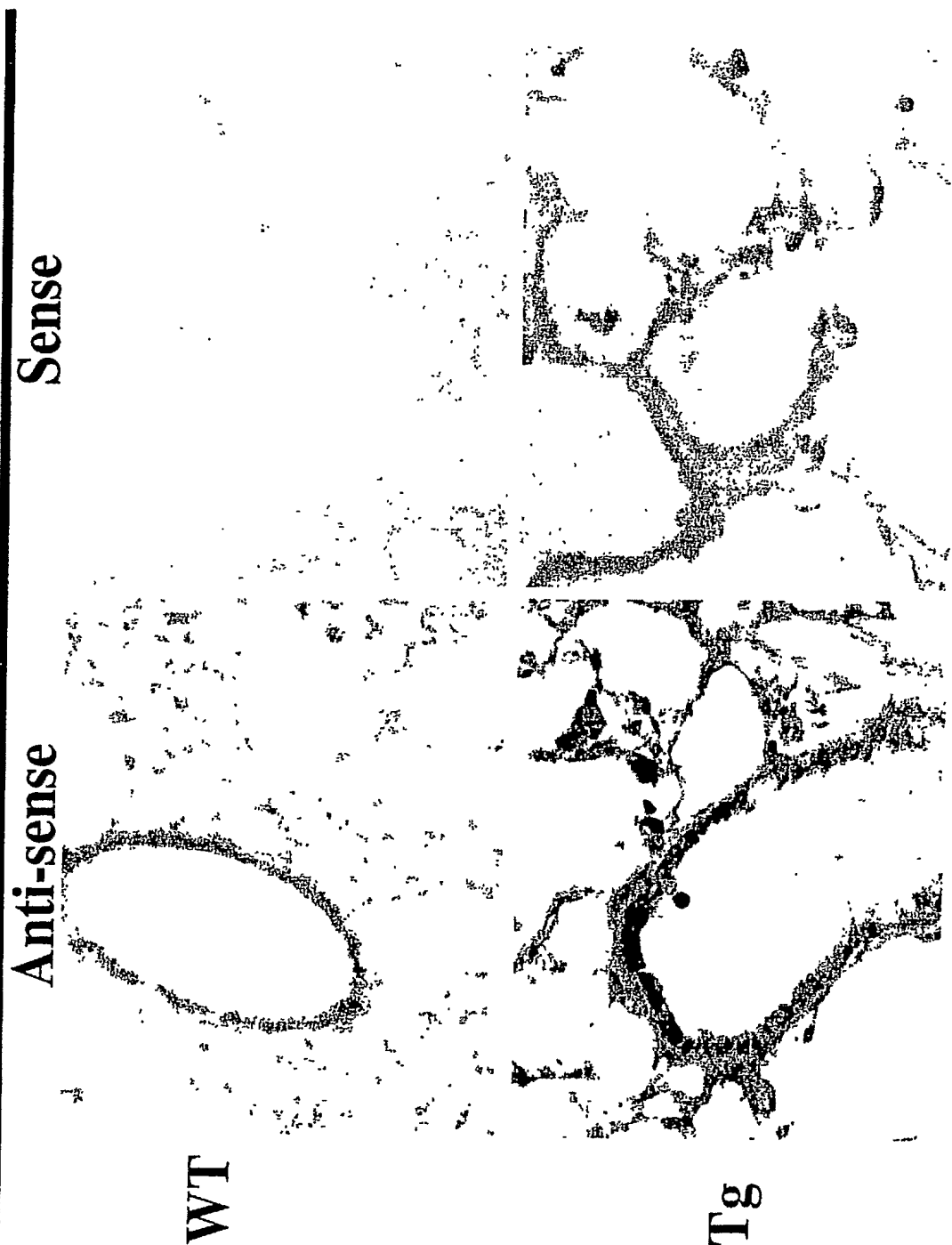


FIG. 21

CCR5ISH in CC10-IL-13 Mouse Lung



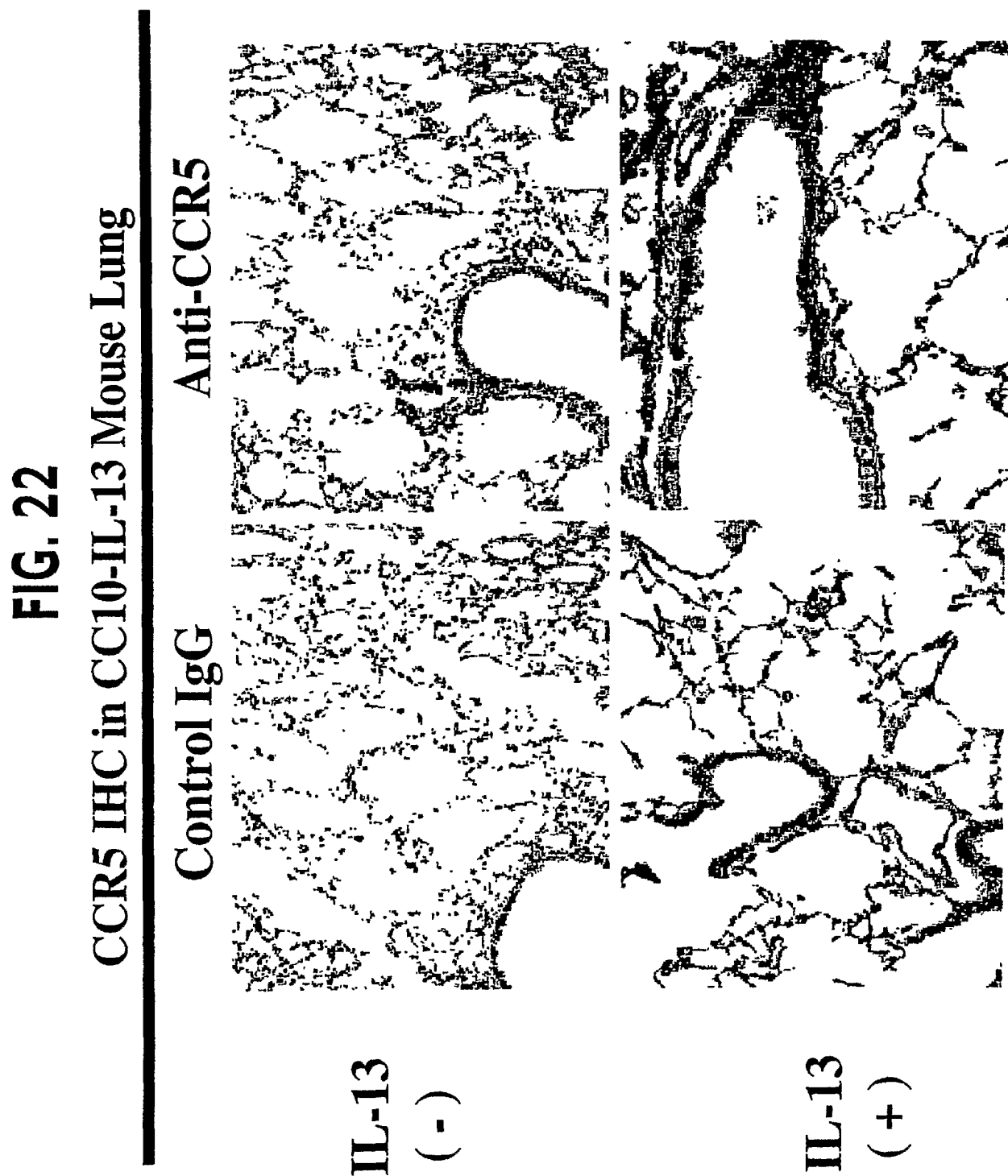


FIG. 23
Caspase Activities of CCR5ko/IL-13

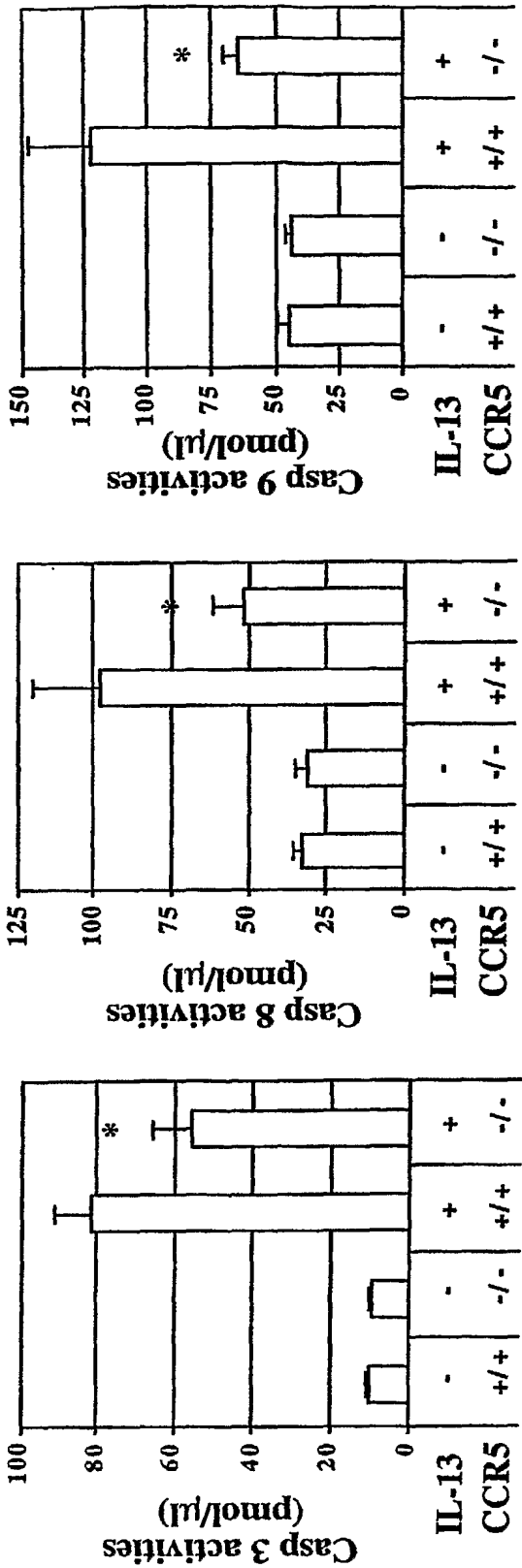


FIG. 24

CD4+ Cells in CC10-IFN- γ Mouse Lung

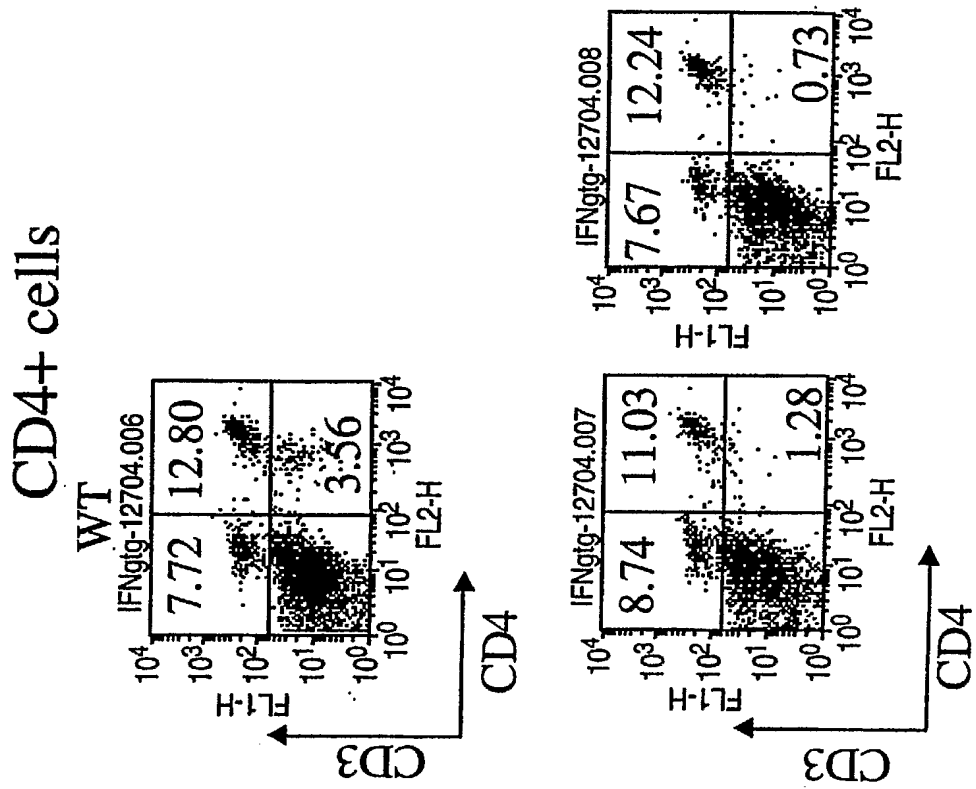


FIG. 25

CD8+ Cells in CC10-IFN- γ Mouse Lung

CD8+ cells

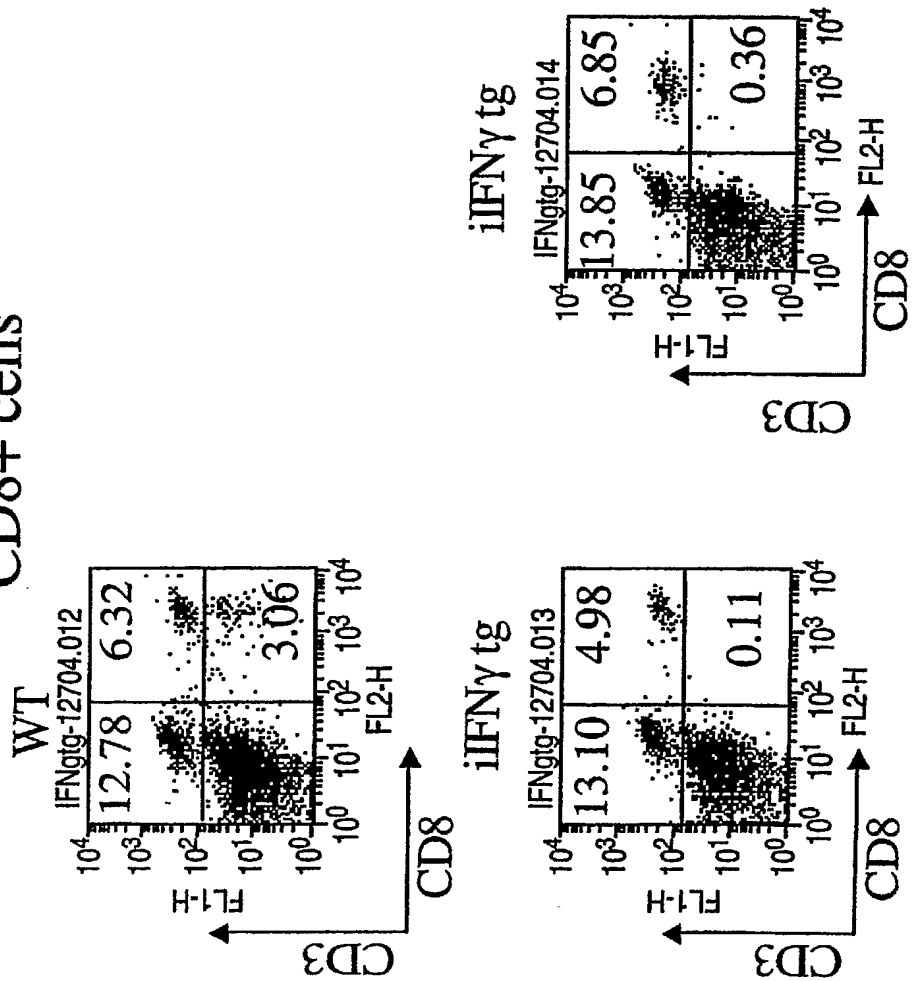


FIG. 26
NK Cells in CC10-IFN- γ Mouse Lung

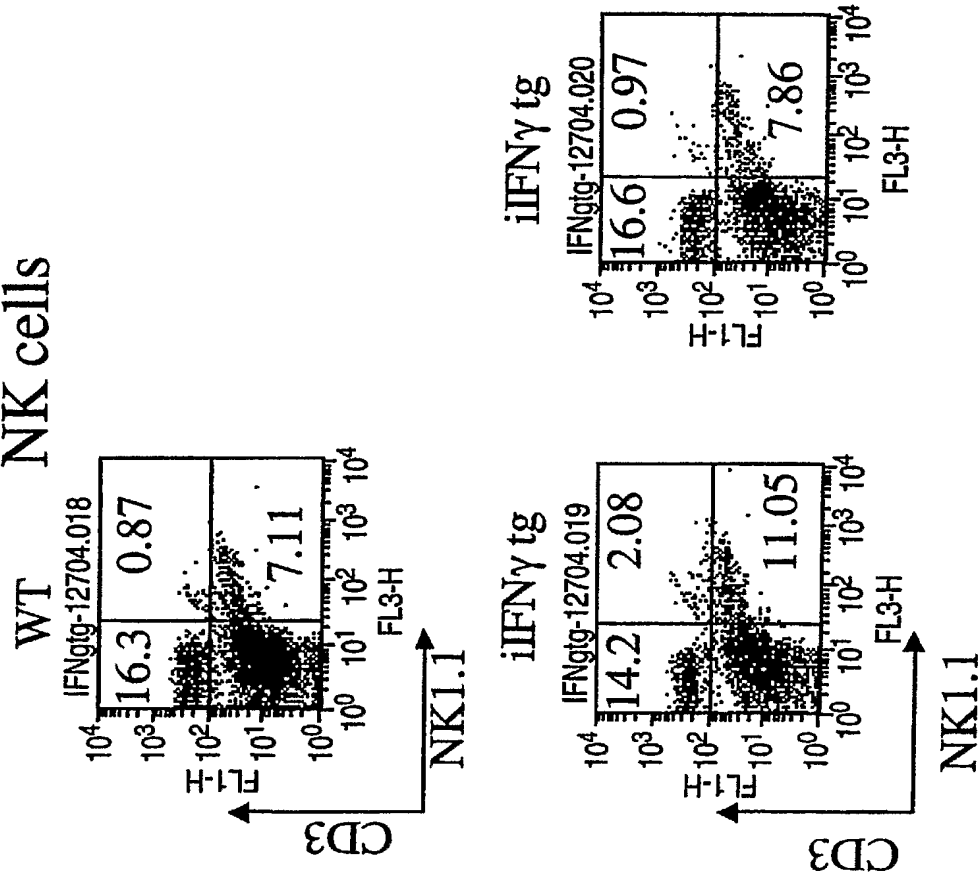


FIG. 27
DC Cells in CC10-IFN- γ Mouse Lung

